



Alex Wetmore 1906. February 3, 1906 - August 30, 1906. Lawrence Kansas.

20

Mumber 1460- } duchusive.
Eggs Number 84-

Letin CB E in

February 3, Saturday 1460. Skryelly montheold. A. West one Prekarusa Pine South of Survenez Konsas vie from morillat tip of Beaudible thing base of internally brown get if J manshible gellow tarous don't from "leng to 155 wing 75 teil ble Tim a mach contents seeds. 1461. Apizella nontreola y Ul trucca Matarusa Kiver south of Janrence houses inig woon Thurilla and the of mandible haley base of entiren lay brown. restif mandelly yellow. Tursus land bur on Lingth 150 eving 77 tail 67 3 in Normach contente seeds. 1462. Apriella monticola. a Welinore Waterusa hiver South of Jewrener, Kensos, he brown. milla and til I mandible Hurry base of culmen clay brown. rist of manglibb yellow. turous last brown singth 184 Eving 74 tail 65 Pin atomech contents seeds. 1463 spirelly morticola in Welmer Waternsa niver, South of Jawrence, Louisas is rown. maxilly and tip of honolith divery. rest of mandith in llow. tarsus shirty Lingth 154 wing 77 tail 68 3 in Jonnach contento secolo. 1464. Apizella monticola A.E. Fowler, Wakarusa River, South of Lawrence, Kinesas iris brown maxilla and tipy mandeble thisty base of calmen long brown. rest of mandible gellow (arous from Jenesth 151 wing 74 tail 66 fine tomach trule Recall. 1465. Litta carolinensia dell'atriore, Waterusa timer South of Lurina, Kans s, i is brown. marilly and tip I mandible dull block. Case of culmin + rest of maxilla slaty white carsus brown Jungth 149 iving 12 tail 46 2 ed I tomach - onlinte mache 14 66. For thes to a tricephlus. Atto by the Timber Waharusa River south of Januare, Kansas, ires nown bill Back tersus blush slate singth 134 wing 69 teil 64 fine a trousch contents much 1467- Dongobates publiscons medianie. H. E. 7 mules, Waharnos river, south of Jaurence, Ranses, vie brong. Wate Tength 164 wing 96 tail 55 fact a tomach controls is be.

1468 Ponthester abreagallus, H. E. Forder- Urakarnea River South of Lawrence, Kems as, iris brown. bill black. Carsus Aul slate - Length 142 wing 73 tail 71 Dim. stomach continte meite 1469. Dryobates willowns. U. WE timore. Wood south of Lowring, Kansas, iris brown bill dark clare tarsus dark slate - Length 223 wing 124 tail 74 Fod Stomach contento anto eggs 1470. Dryobates villous. Wille Imore Wakarusa river sonth of Jaurence, Keinens, iris brown. bell Hackish State tarsus drab state. Ingth 220 wing 117 tail 75 Food & Tornach Contents grubs 1471. Cardinalis Cardinalis. Q. Wilmore Watarisea River South of Janvance, Kansas, vies, brown bill lightred. tip Misky, Larsus brown Augth 221 wing 97 tail 100 Fad stomach contints encle 1472. Cardinalis cardinalis. H. E. towler. Wakarusa River, South of Janvience, Kansas, iris brown bill light red larsus brown. Lugty 222 wing 75 Cail 110 Or Stomach contents. Deede 84. Jarus marining. taken in ignerland, 1894 by Willer for the governor of grundand. Attained from J.J. Dyche. This soming tower and I went with if lown lown to When of Hwas warm but was wouldes interes mes their in one weather must bere about a clarighter house where they were feeling on offer. They were wary however and we got no shots although frantit one if the bride specially. Tree sparrous were common in a few flaces but were not as numerous is they have bun. There that I shot seemed rather clark-colored. They were viry shy and Derretion. I vode as a whole were rather scarce. UE found quite a crowd of cardinals in the place. They we ut at equal in number as regards sex. It y were partial is that scaleta if

I've be us of the way they had themselves they are getting in soud plum age now Some write a four Hung Woodpakers in the bottoms. It is the first time I have noted so Many for some time o no that I shot must it thirt just get up as it was beside a holy in a willow thet. Both those that I secured were Prour a Harlan Hand came sailing along but turned iff just before it reached the Atletin in the where it thous hidden in the limbs but som tool a more open perch watered us chosely shot but x pect that it was sutofrange. I Crow, pursued it testing four frast it but the Hant only sealed slowing to lowing the many in was given me by Prof. I. T. dayshe. It was a February 10, Laturday. 1473. Junes hyemalis, arbwetmor. Draw north of Jaurence, Kansas, iris brown. nostrels and tip of bell ilusky rest pulish white tarsus brown Jength/60 wing 82 tail 70 0 min. Morrach Contents seeds 1474. Junes higemales. a. Wetmor. Whow north of Laurence, Kanaas, iris brown based half of culenen and lik of bell dusky- rist dull printish white torsus from Fength 152 wing 76 tail 64 fin. Stomach contents seeds.

1475. Oryobates publicens medianis. a. Webmore. Oraw north of Jawrence, Kansas, iris brown. bill black base of mandith Baler. Carons greenich dhat length 159 wing 92 tail 53 San Stomach contente grade

1476. Centurus carolinies. a. Wilmon. Draw north of Faurence, Kansas, in reddish brown bell bell black tarsus drab green Tength 235 wing 130 tail 79 for stomach contents 1477. Jonotuchia Querula. U. Webrion. Draw north of Laurence

14"

given = ? Henry

Kansas, vis brown bill pale dull umamon · Larsus brown. Tength/84 wing 93 tail 84 Fied stomach contents seeds. 1478. Certhia familiario americana Q. Wilmor. iris brown maxilla and tip of mandible brown rest of mandible pales. tarous brown. Lungth 144 wing 72 tail 68 contints. 1479. Jonotnichia querula. a. Walinou Draw north 1 Lawrence, Kansas, vie brown bill pale dull comamon Carsus trown. Lingth 185 wing 91 Cail 85 Jun. Stomach Continto seeds This morning it was cold and windy but the sun was shiring, west up the R.R. Thank to se small bow and then followed west along it. all the birds seen were in shettered places. Mour serval Harris Sparrows but they were rather wild. One flers down into some buck brush and moved around so stealthily that a almost lost it. Withers were seen in the hedges and a few in a brush pile with English Sparrows. Heard a field Sparrow sing sernal times In a weeky Archard! The song was not very clear but was easily traced to its yourer. The bud however was very wited and d' could not get near talthough I saw it servial times. Heard a Cheunk (all once but would not find the bird. Bluegays were common in one brekard Heard a role singing in a tru and got near enough to shoot it with the anxiliary. I mounted this bird There was quite a flock of them but they welled away when I began to short. Serval bulliant male Purple Finches were seen but it got no shots. They kept around some Shot a single Brown Creeper and saw a dhart I have of posit

Anti () : 1. ...

1480. Osio accipitrimo. a. WEhmon. Moodow five miles east of Jaurence, Kansas, iris 14160. Wil inside of loss dell white. Tingth 370 wing 400 tail 154 d'adstomach contents short-tailed voles 1481. Quoi accipitrimo . a. Wetmon. Me adow five miles east of Farmer, Komsas, vie gellow. bell black inside of tors dull in hite Lingth 375 wing 330 tail 159 d'ad stomach contents short tailed voles. 1482. Centurus Carolinas . Q. Wetnown. Kaw River east of Farmer, Konses, vis reddish brown. till dull black. tarous greenish drab. Tength 235 wing 135 lail 83 fool stomach contents grile 1483. Atocomo alpestrio praticola. C. Hackman. Pasture cast of Tawrince, Kansas, iris brown. M. exilla and tip of Mandelly brown. rest of till pale slate tarsus brownish black. Just 168 wing 101 tail le 3 Food & tomach Contents suds. 1484. Melanerpes crythrouphalous a WE timore road cast of Jamerce, Kansas, ins brown. till of bill dusky. rest Franish white tarons greenish drab. Length 230 wing 136 tail 80 dad stor-ach contents acoms 1485. Merula migratoria. Q. We timore. Kaw River cast of I aw mee, Kansas, vis brown makella and tip of Thrandelle brown rest of bill gellow. Tursus brown. I Tength 245 wing 128 tail 43 Fad a tomach contents hackbaris 1486. Herela migratoria al Waterner paw Romer cast of Jamener, Kansas, vis houn. massila and tip #1 Mindelle brown rest of hell syllow, larsus black. Tength 252 wing 134 tail 78 8 not Stomach contents hackberries 1487. Cardinalis cardinalis. Q. WEtrum. Kan River east of Jawrena, Kansas, vis brown bill light and tarsus brown. Lungth 218 wing 100 toil 105 fed Homach Contents Saurence, Karsas, inis brown bill black gape shell hange tarous black length 172 wing 103 tail 67 30 stomach 1489. Passer Momesteres & Commission of the

Lawrence, Kansas, iris brown bill black. Jarons. brown Length 158 wing 80 tail 573 ad Stomach wutunts seeds + Raffir com. 1490. Spizella montreola. J. UE truce east of January Kennes, inis brown grapilla and tip of mandible flact. boxe of informen brown rest of mandible yellow tarsus brown. Twigth 150 wing 75 tail 68 fin stowach contints 1491. Carpodous purpireus Q. Walmon east of Laurence, Kensas, vis born. bill pale shell otive tarsus shell Jun. Truesth 150 wing 82 tail 57-Palt townsch write to Secolo 1492. Carport ens fourposeus. la Matinos. deraur est 1 James, Konsas, his boun bill pale dull this lasses brown Length 149 wing 84 tail 549 at Stornach Controls 14.93. Carpodacus purperios. G. Walter. Drawest of Survey, Kameas, is brown bill pale dull this tarans Iron. Length 15/ wing 87 tail 56 Fad. stomach contents. Decolo 1494. Carpoclains purpureus. 4. Wateron. Draw. east of Lewerner, Kansas, vis brown bill pale dull olive lancus brown. Jungth 149 wing 84 tail 5 6 Fad stomach contents secolo 1495. Cardinalis Cardinalis. C. Huckman. Umelery so it of famous, Kansas, vie brown. till light rid. tarsua trown. Turath 215 wing 49 tail 104 3 ed stomach Contents seeds 1496 Ampelio cedroum. Q. Withou Kan River east of Survey Remass, iris brown bill Meck tarous black-Two th 180 wing 96 tail 56 Just & tomach walnuts hackberries 1497. Win pelis colours. 4. Waternow Kom River east of Jamenne, Kansas, ins brown bill black tarans black Tength 112 wing 98 tail 57 Fact I towach contacts he Kherries 1498 umpelis cectrorum. D. Harma. Kaw River east of Length 182. wing 97 tail 61 die stomach continue harden. 1499. Simples colorum. D. Hanna- Kin Piver East of Danvence, Keneaa, wie brown til ner i

given me by D. If mer.

Jungth 178 wing 45 tail 34 Fad Mornach ontuk hadling 1200. cimpilis Cectronim. W. Welmon. Kow Rim east of Janvina, Kansas, iris brown. Will black larsus black. Length 178 wing I I tail 5 le Bad Tomich contuits - haelberrie 1501. Cyanocitta cristata Dallas Hanna, Laurence Kansas, Feb. 9,1906. No. 52. Q., Pluejay 6/4×12×16 iris bown, mundibles feet & legs black! I hot in celar trees. Congrued label. Last evening of went out to Hannes east of I amount and stayed all mont. This morning Hanna and a went east inlong the Kaw River. The country was level with a fringe of timber along the inver. There was wbout two inches of some on the ground. Purple 7 maker were common in one lettle draw a 1 Kept will up in the true - They all appeared to be fer ales. Using the top if a Cottonwood or sucar on was chusen for a kirch. They shad not appear as weld as they usually one hundred Robins. They Rept down in the trinter narrally and wire grute tame. When startled however the flort belivage flow some distance and kept along the our. They called softly but made not alternate it song. They were fudling on backburner, swallowing them while. There was also a flect of tromby fin on they Ceder Waxer now with them They & t. closely browshed in the tops of the brus looking like little hound balls and usually remaining motivales. low tree - e e e vecusionally. They had also ben freeling on hackberries and their throate some distincted with them. Some head the wax tips to their wings and some did not while on one to how they I howed on the tail. These buck any Color Contractions

In the afternoon the snow had all dis pleaned und we drove over east. Fraisie Homed Tours were seen around in The fields and one pair occupied a pastury. The male was singing and the ovaries of the Jemeli which of shot shound frowth. as we drove post a farm & Ked-headed Woodpieler flew outo a borne limb and sat there in the sum. I sneaked around under a straw stirct ind shot it, alto plumage was rother diety and do do not doubt that it had we tried. The wing feathers had just grown in The brists had eaten secons. In a low murchy field we stopped and walked through almost mme shutty a short care I but flew up from the gross but I missed it. It want a short distance further und lit and 2 tord In the in possed. Is el advanced it flow again with a flapping eveling shight and let a long distance off. Then two more come up together almost at my fut and d got both of them. These over the firstones I ever sourced. The field was marshy and the years come half way to my Knees. Som an White the termediate of porrows setting on a true in a farm yard with Stone English Sparrous also encountered a great flock of

February 22, Foundary.

1502. Examples Cedronum. Q. Walmon. Kow River north of Sawina, Kanas, via From. bill black larsus dark brown Jength 175 wing 96 tail 55 Fine Stomach contents will grapes 1503. Dryobotis villosus. A. Witmore. Kaw River north of Lawrence, Kamaas, via bowen. bill slaty black base of mandith pater. tarsus very dark dull slate. Jength 219 wing 120 tail 73 Fr. stomach contents inserting 1504. Spizella monteida. Q. Walmon. Kaw River north

1 + 1 = 1 = 1 = 1 = 1 = 1 | MM

of Laurence, Kamsas, vis brown. maxilla and the of mandible black rest of mandily yellow, base culmen hair brown. tarsus, dark brown. feet darker Longth 150 wing 73 tail 70 dad stomach outube seeds 1505. Penthestes atricipillus. 4. WEtmore. Kow River with of Lawence, Kemsons, vie brown. bill black Carsus slate. Tength 139 wing 68 tail 64 fin. A tomach outents mieta 1506. Penthister extricapillus . Q. Walnow. Kow River north of January, Kansas, iris from, bill lack larens Alate Jungth 134 wing " 4 tail 60 fad stomuch contents 1307. Juneo hyemalis. a. Withour. Kour River 20th of Jamence, Kansus, vie brown maxilla I teto of mostrilo short of rest of bill pinkish white turnes chark rowers Lingth 149 wing 79 laif 650 in stomach Coule to such. This morning it was very windy but dwint north along the Ken Run -The sun was wasm but bush were hard to find. a single Ceclar Waxing was secured in some thirt grapeorines in a clump of true. It was all alone and called busher than were! thus attracting my attention. It was not at all wild. Heard and some two Myrthe Warther in a Sumy place along the river. They was very weld and went off at a great rate through the woods and I could not find them again anywhere. I do the shelter of a high bank of sow on where an Mergunser. I came out within easy shot of I but it ilove and flew immediately on Coning up. Tuo leaser Icomp Alueks also swam out from under the bank and immediately flow. of shot me but t blew across the river. Juneous were common and appeared to be mating. They were very had to approach. The males song and went through all the mating sections Callway & Course they were not paring. it to the meanter of the

Sent to the in the

February 24, Saherday. 1508 Thryothous bedoviciones Q. Withou Kow River north of Townerce, Kansas, was from maxilla and top I mandible will bown base of mandible paler. Larsus from Tength 145 wing 65 tail 51 3ad a to mach continuts insects 1509. Ballophus bicolor. a. WElmon. Kaw River. north of Lawrence, Kansas, iris brown bill black. tarsus slate Lingth 157 wing 53 tail 70 Sud Atomach contents insets 1510 Cardinalio cardinalis. 4 Without King River north of Jawence, Kunsas, vies brown. bill light red. harsus brown. Length 221 wing 98 tail 105 Bad stomach contente seeds 1511. Juneo hyemalis. Q. Wetmore. Kaw River worth of Towners, Koms as, irie brown. The of bell and nostrile dustry rest pale purkish white lies brown sength 132 wing 79 tail 66 & in tomach contents seeds 1512. Penthester atricapillus. a. U Etmou. Kan River north of Jamence, Kansas, vie brown bill black larsus dull slate. Jeng th 133 wing 63 tail 65 Fact stowach contents 1513 Perithestre actricapillus. a-WEtime. Kaur Kiver north Hate Tength 135 wing 67 tail 65 Fed atomach contails 13/4. Krys bates publicens, mederance Q. Wetmore. Kan-River north of Favorence, Kansas, vis brown. bill a taky black larous grunish drab. Terrey the 161 wing 12 tail 55 Fad Itemach contents more 1515. Spizella montreola - a: Weture Kar Row Row north A Someoner, Komsas, ins brown on axiller & tip of mandithe Jonath witures suns 1516. Carpodacus propureus Q. Wemon. Kan Riva month of Favorence, Kansas, iris brown bull pale shull thing invery culmus pales and they'lly that is

in the state of th

brown. Lungth 152 wing 83 Tail 58 32d 1 Towach For tends - cotto wood ande 15/7. Carpodicus propurus Q. Wehrer. Kaw River north. man slible parter tousur dark from Tength 159 wing 87 til 60 Bads tomach contents ottomord seeds 1518. Carpodacus purpureus. 4. W. houre. Kow Runs month of of money, Kunsus, via boun. bell pale dull Tength 158 wing 86 tail 58 Bud stomach contents Cottonwood & cale 1319. Carpodacus prospersono le Withrong / Lew King north of Farmere, Kansas, vis brown bill pale dull whire trace of manually parter transus dook trum. Length 150 wing 97 tail 57 Sad stomach with to, cottomwood side 1520 Carpodocus purpureus a. Wetmore. Kaw River north of Firmens, Kansas, iris frown bill pale still olive from base of mandible faler. Larsus. Lark brown. Jength 155 wing 83 tail 57 & ed Nomach Contents ottomordende 1524 Carpodacus purpureus a. Wetmon. Kan Rum north of Lawrence, Kansas, vie brown. Will dull olive base all serous of paler tarsus dark brown . Tength 153 wing 83 toil 5 78 in storrach continte oftonwood such 1522 Carpodaeus Purpureus a. WElmon. Kan River north of Jamence, Kansas, vis brown. bell still otive base of mandible palea, tarsus down trown Jungth 15/min 79 tail 55 fact to mach contents collowood suche 1523. Carpodarus purpureus i Withron Kaw River north of Laurence, Kanaas, vis oven till dull ohne base of Frandith Rater maxillar lomia yellow larsus clark brown. Longth 150 wing 83 tail 58 fad stonach contents cottonwoodseede 1524. Carpodacus purpureus. W. Wetmore. Kan River north of Lawrence, Kansas, res brown bill bull the base of manshith polar taring clark brown Length 148 wing 77 tail 48 I ad Stomach contents cottonwood such. 1525. Carpodams purposeus. Q WEtwee Kan Row north of Janvience, Kansas, vie brown till chill olive base of mandith pare majellar toma yellow. Larsur dark brown Jungthe 145

1526. Carpodacus purpmens. y. Wilmon. Kaur River north of Jamence, Kansac, vis to some tell while there. base I'men beble parter mostellar tomice yellow. torsus want brown length 149 wing 80 tail 53 fim. Stomach continte Cottonwood seeds 1524. Carpodatus purturus. Q. Wehner. Kaw King north of Jawrence, Komaas, iris brown bell Bull they base of mundible poler tursus whent brown. Tength 148 wing 1) tol. Food 21 - and Tower to attorward and 1528. Cardinalis cardinalis H. E. Hower. Kur Riving north of Lawrence, Kansas, vis brown bill light reditarsus brown. Tength 225 wing 10/tail 110. Fad stomach contents 1529. Juneo vigernatio H. E. Fowler, Ken River north of Fawence, Kansas, via brown tipe of bill instructule dusky rest of bull pinkish white leasure town. Tength 157 wing 78 wil 68 Bid stor ach contents seeds. 1530. Circus hustonins. Parrich South of Faurence Kansas vis yellow base of mandibly & maxillar tomin yellotte. rest of well shall are chall grun. Carsus and feet yellow. claws black. Lingth 479 wing 355. tail 22/ ded Stornach Continto . Short tailed wole . talin Feb. 23. 1531. Papels errythrophthalme. U. Hanna. Deel. Fourence Kansas, Mar. 3, 1906. No.98 (original label) This morth worth wlong the Santa Fe. Heard a Carolina Wren surging along the notes. I do I I not even which sight of it and Wren lit right in front of me and of secured it. In fle Finches were common and Il secured five fine were les. The brids were fearlies and were finding on the cottonwood balls in the tops of the They were very great and it had to look closely to blettet them at all in the trees. The make Amy a little occasionally. Fre we the the world

Set perfectly notherless and so avoid detection. When frightened from one true they flow on immediately to the next but soon returned. Frequentle
a few feet away. They set on the seeds of the
cottonwood ballo picking them but with their bills.
Their throats were as full as they would hold of
the seeds. When I had seared them at if ind
tee I had my to want a few minutes and they

The Cardinals were in full song. They chased each other constantly around through the brush and two males were especially pregnations. They would not give make their a momente rest but hipt fitting wound through the bushes continually. They were in fine plumage. I was to them clear into the tops of the cottonwoods to sing but a seen by they were content to come out along the edge of the brush. Jan a flock of Canada yease flying worth high in the air and a single furly vulture. The guse were when .

Umerie an Goldfrich Budlist English Sparrow Co. Bluesing Carrastact Red-winged Blackburd Chicache Meadowlark Red-billed Woodpeeker Hairy Woodpeeker Crow Fox Sparrow Canada Gorse Larkey Vullure Mystle Warbler Infled I trouse Omerican Mercanser Flicker Hesser Scank Kuck. Carolinal Downey Wordputer Junes Purple Finch Tree Sparrow Red-tout Western Red toiled Hawk Long & parow White breasted Muthatch March Hawk Bluebird Brown Cree per American Rough-legged Hawl Robin raince Homed Fark Harlam Hawk igen Hour White-rumped Shrite led shafter Flicter Sharp- Shimed How! Harris Sparrow Carolina Wren Screech Und Short-eared Out Cedar Waxwing Red-headd Wroodkicker Gambel Sparrow Aild Sparrow Mallard

March 10, Saturday. 1532. Merula sugratoria. a Wetmon. Washington Creek, Southwest of Journey, Kansas, iris dark brown tip of till stull to base of maxille hair brown. base of In pollide of maxillar toma gellow. Carrie dark Aull brown Lingth 263 wing 137 tail 103 & and. Stomach Continto summer recele Merula migratoria. A. Wetrrose Washington Creek, southwest of formence, Kansas, vie dark brown. mandebular rami and base of maxillar Tornia dull orange. I st of bill very dock brown tarsus and fut very clark brown. Length 2 " wing 133 tail 106 2 ad Stomach contents sumac such and green himpters 1534. Merula migratoria . Q. Wetmon, Washington Cruk, southwist of Jawrence, Kansas, vie don't brown like of bull black rest yellow tarons clay brown. Length 249 wing 137-tail 96. O of stomach Continto Imac seeds 1535. Alberila migratoria, 4) Wetsive. Washington Creek. southwest of Laurence, Kansas, iris dark brown. maxilla + tip of mandeble very derk brown rest of mandible of shorfillar tomia Gellow. Carsus bell brown. Lungth 2 le Dwing 144 tail 104 Dud stomach continte 1536. Memba migratoria. P. Wetunou Washington Creek south west of fourere, lansas, iris Lank hom. mayilla and tip of mandelle brownish black. Culmen, maxillar toming spot in front of mostril and base of moundable yellow. tarons clark from Jung th 237 ing 136 tail 950 ach Stomach Continto Armag Dielis 1537 Merula singratoria Q. Wetron. Washington Crak, Southwist of Laurence, Kansas, iris dark brown. maril and life of mandible brown base of mandible dull brange yellow- base of mandelle tanged with spots of same tarsus dank dall brown. Tength 232 wing 120 tail " - ad stomach Continute 1538. Mula mugratura

Creek southwest of Januare, Kansas, vie dark brown tip of will black culmen between nostrile dull brown. tarsha dark hair brown. Lingth 235 wing 122 tail 92 Fed Stomach Contents sumae seeds. 1539 Spizella miniticola ochracea. a. WEhmon Washington creek southwist of Lawrence, Kansas, ino brown. maxilla and tip of mandeble chesky slate. I case of ma dible of Mow Larsus brown. Jengton 145 wing 173 tail 65. Fad stomach contents seeds 15 40. Apizella montacola ochracea. a. Welmore. Washington Crul southwest of Januare, Kansas, vis brown. Maxilla and tip of mandelle dusky state base of culmen dull brown base of manable yellow. toose brown Jungth 146 wing I tail 68 fad Stomach contents seeds 1541 Spendla montride ochrace a. Q. Wilmon Washington Crux Southwest of Lawrence, Kansas, via brown maxella and tip of mendible blackish from fase of mandible yellow. tarsus brown Jungth 145 wing 72 tail 63 fad stomach contents Decolo 1542. Aprilla montrola schracea. a Wetruse Washington Crust Southeast of Lawrence, Kanaas, ivis brown maxilla and tip of mandible black base of mandible yellow Carsus brown Lungth 148 wing 72 tail 67 fact Stomach contents 1543. Apizella montreole vehracia a Wature Washington Crek- Southwal of James Kemsas, in brown marilla and tip of me libbe dull Heat! base I whom dullbrown. base of mondith yellow tarsue to A hour Jungth 145 wing To tail 66 Fad somach contents seeds 1544. Fasserella iliaca, a Withmon Washington Creek Southwest of Jamence, Kansus, ine brown me willa brown - top of munchth grunish slate base yellow. tarsus brown. Length 160 wing 90tail 76 Bals tomach writerte seeds 1545. Passeulla iliaca a 1. Vatroi Wastarusa rum Southwest of Jawana, Kunsas, vice brown - marcilla brown tip of mandible gramati. " have yellow. Carous brown Jugth 176 wing 86 tail ? Carrie 1 13 1. Lames borealis - a. Weturse like

of Jansener, Kansas, vie bours bill black mandebular Hami striped longitudinally with slate, tarsus dell black Tength 270 wing / 22 tail 11 6 Fad stomach Continta fort of a mouse 1547 Cardinalis cardinalis, G. Wetnesse Washington Creek southwest of January, Kansas, in beautiful light red tarond brown Jenyth 222 wing 94 tail 105 Gad Stor as h contente seeds 1348. Juneo hymalis. a. Wilmon. Wakarusa river southwest of Janvence, Kansas, vis brown. bill dill rosy white tarsus brown. Tength /6/ wing 78tail 10 Jim Stornach contents sude 1549. Farus Nieolor. a. Waterne. Wakarusa run southwest of Jamence, Kansas, iris brown bill black tarsus slate Jugth 162 sting 83 tail 74 Fad Stor ach contents marets 1550. Dryobates Bubiscens medianing Q. WE truow, Uselington Crul sorthwest of Jawence, Kansas, is brown bill dull black tursus brob green Smath 157 wing 93 tail 56 god Stomach Contents grubs 1551. The losting cincien melocker a Welling. Washington Crut southwest of Jamene, Kansas, vis brown. makella + tip of a andible commish slate base of mandible pale buff. tarand pale brown sength 152 wing 63 tail is 0 Fad Stomach Contents, seeds 1552. Tettion carolinensis. G. WEtman. Wakarusa huver southwest of Lawrence, Kamess, vis brown. Vill black larrens drab. Jung th 39/ wing 178 tail 76 Ead stomach Contente seeds 1553. Melanertus carolinus. Q-Wetune. alekarusa rur Southwest of Jaurene, Kansas i vir reddish town bill tail 83 fad stornach contents com 1554. Bonotrachia guerala. a. Walmon. Wachington Cruck Southwest of Towner, Komeas, tris brown bell tail 80 fine thomach contents rec's 1555. Megascope cisio. a Welmon Washington Cruk southwest of formera, Kansas, vie geller bill pale of would indich of toes durty white Jength Is wring 163 titil si? wad come se is com

1536. Megascops son. Ce. Wetwood Userhington Bruk Soultimes of Jamese, Kansas, vis yellow. Well light Gran inside of tors grunsh white! Length 217wing 170 tail 82 Fad storech conlinks. mice 1557. aythya collars, Fitte. E. E. Brown Lake New west of Lawrence, Kensas, our yells wish brown bill black . band dervis life, one around base of muxilla and mandiblelar rami slaty blue tarous landcolor. Tength 440 wing 197 tail 64 dad struck co linte seeds. 1558. Hethon Carolinasis. E. E. Brown. Fak Vun wit of Laurence, Kansas, via trong bill black tarsus shelf lead color. Length 405 wing 182 tail 86. Factourds. This morning at five oclock of started for Washington Creek. On occasional White crowned or Harris Sparrow or a Cardinal whisted from The bushes until about six when the Cardinals suddenly began to sing at first from low pirch usually holding from the bushis is it got lighter, to exposed perched. The males are in a pecally fine plunge now and sing i great deal. One that I heard had his song marked by some dup mellow notes that were expecally attraction. Harris Sparrows were very no my Just before the sun rose but Kept hidden in the bushy part of the Ledges at the bottom where they could not be sun-Jates they were impregated in Small flocks in suitable for and their loud ringing - notes someted from Considerable Mestances: Before it of ow light is small flock of chicks passed our to the north but I could not distinguish what they were at slaylight on the Waterisa river a flock of freen winged teal whiled swiftly over me and I dropped one with a long shot. It was vely swinged and swam toward shore and then done but of got it after a short time. Prows were abundant as usual ill day and flux about close to me. I shot ou and could have seemed others. I key were to the one this is a

day long and followed them in shows kereling there was more diately is great represent and worm of the bolder rows would dash at him assett a low throaty note. Heard and dans quite a rumber of downers in brushy places. They we rather shy and hard to approach. The males sang quite a good deals. The that of noted satin a budh near the the of the half gring the song with the trill first instead of last. de one of two places were on number of Song Sparrows. They seeing a good deal and it Sund quite like home algoin They seemed to have a mysterious power of vamshing in some way and stepped away almost before my eyes. du soundingthey sat in the tops of the bushes. Washington Creek were sweet hundred Robins. They were scattered along at first on the

cres to of the hills feeding on summach buries. They perche bright on the clusters and pulling the buries off swallowed them hastily - less lettle burned place was especially frequented by them. yeter when a stone threatened they were found down in the trave and flew up with a hour of drings Thead of me when it really began to snow however, us it had a bout non they came out in the tops of the tree singing loudly. a Cooper Hand desting past programed them in to the our and the hand pureued the flood for a trine without success and then circled away. The Robins 2000 returned they were just getting the full Derminer plumage. Use male secured should what was evidently the method of growth in the teil feather. The outer two or three feathers were full longth while the the inner feathers were only half grown. All were new black wloud feathers When these were nearly replaced the other inder feature were lost. Alm the notes the

lail would not be list at once. Those that had new tails even when they appeared fully developed Could be disting shed from the others in one osurements is they were about a centimeter shoter and the difference was shown to be in lingth of tail. The their bown winter color for the syllow of hummer. This changing of color ranged from nearly herbolly brown to nearly yellow in obffruit individuals. The brick were call in groved condition. To my surprise some of the males apparently achilt from the texture of the bones love still in unter plumage. I think in booky plumerese the change in who is due to the wearing away of the tope of the feathers and not to molt. Seeved one Downy woodpecker with what appeared to me to be an exceedingly long slunder bill and also very small wisk fut. It agreed with other spicimums otherwise as rearly as of Could tell without our parision with oking. fox sparrows were common wotay. They are not driging or with but an account good song was bland cebout a slogen were concountered on one such hall and my attention was attracted to them by the rustling of the leaves among which they were fushing. When d. approached they flow first into the bushes and then into cleaper lover all win excusingly du The brokes the saf met seems is it his In the small bushes near the head of the Arow were numbers of Western Tree Sparrows- Several If those takin appeared to be lippical vehracea while to there were intermediate. This form always appears to be taken just preceding or just at a town and appears to do considerable moving whout Owing the winter time. In the barn at Washington Crut of climbed onto the how loft and unaster sales saw first

rafter . They were sitting bolt wought with the feathers strown in closely to the body and with alaring yellow eyes. Neither mede a more not even when I shot the other They were a pair male end female; the former of ey and the largest. The female was also gut a bit the largest. The heard will developed overes and contamed one easy that I think would have bun fully developed in not more than ten days. I soled wound the barn but could shove over my signs of a nest.

Red billed Woodfackers were common and noisy all day. They are giving the rolling roth usual to them an spring. This will appeare to be common to both seies . It day note. I heard one bird iging which I shot and found to be a funale while on other occasions of ann sure it have shoting which the not as coming from the male clong late in the afternion It began to grow colder with threats of a herry storm in on Wakarusa Rown of heard one of these trade on thing several times. Finally of flew to a tue chrictly of posite me and hopping up a few fut to a hole in to which it disappeared; to root of have no cloubt us I del not appear again although el was meanby for some true. I have no doubt that the threating weather influenced it in retiring to early. The finnale secured have slightly leveloped ovaries while the bill had become darker than in winter specimens.

About dark several flocks of Mallard were sun coming from the worth ahead of the Monn. They crished around rather bow down and seemed to be looking for a place to have I tried one look about but missed. What freised and Rusty Blackbrick also came swaping into the Walaruca bottoms. I have a swaping into

The north in long straggling flocks flying just about the tops of the hedges. I did not Decure any of them was of was after a shrike a few single birds had bun sten during the day and he rusty was fiching a long a run rear the hills. It flew on to swhen of approched well time the hadge and there went fourmed it. It lit in the top of the hedge for an instant and then disappeared. When a to another head go with what of look to be a Sunco in its claves. It sturted out strongly but at the and of thomby rooks it was just about the ground but the hedge was close by and by a sport it managed to make it. I was and prised at the shongth of wing show. The lived hielsteeld in the thirt loved portion of the hedge but when al approached Stew put rearing 1 to Tarey. If finally secured it but it showed great timasity of life I was desprised to find it Famino borealis as I had exped I. l. excubitonides and in fact did not discover my motate until it reached home. It was try light colored and showed search, any remuchation in The treast In from the lines could hardly for distinguished +Mr. Eshward Brown to eventre me with a green winger teal and a tring nectical Duck through the knowner of few a stone the Kong-med was a fine male and is my first & perimen dt was in full y lossy plumage and could not have bun a better todal It was not very fut. Instead the feathers on the fectoral sterifar had their roots indeded in the fleet or that Akimung the brief was chiffie Sun one de conte aparron una grouse quel la

J. the Quite

for feet off and it was too durk to short on the wing while when it clit at could not see it. Il finally dropped into, some grass for which I could not flush.

March 17, Saturday. 1359. Asio accipitume a WElmore March ust of Lowrence, Konsas, vis yellon bill lack cere clarkolive. inside of took chirty yellowish white Jength 373 wing 33/ tail 133 3 ad Alamach Contents empty 1560. asio accepitaine. attiture. Much east of dawrone Kuns as, iris y dow. b. Il + cere dull black insule of tone dirty before white chave bull black length 386 wing 315 tail 158 food stornach contents compty 1861 Corrus americanus. 9 Withour Waire cust of Lawrence, Kansas, ine brown bill black taring black Length #20 wing 282 tail/66 God & tomach contents 1562 Merula migratoria. 4. WEthnor east of aurence Kansas, vie brown. maxilla and tipe of manditte bounish black rest of bill orange yellow tarsers And brown. clows same inside of toes yellowish Length 242 wing 128 tail 87 fad sto nach contents sumae seeds 1563. Merula rigratoria il Webruon cast of Law una Kaneas, in som top of toll black rest yellow tarsus dark brown clavos black would of toes yellow Length 239 wing 133 tail 97 fad Itomach contents cumae seeds 1564. Merula migralona. G. Wetmon. Drawiast: 1 Towners, Kensas, in dark town. medally is dtip of mandible dull blackish brown rest of boll dull trange sychow. Tarona chark brown claws black Jeng th 250 wing 130 tail 96 Bad Stomach ontente Rumare seeds 1565. Memba migratoria. a. Wetmon Drow and January Kansas, vin dark bown the of bill black rist yellow tarous brown claws black. Length 253 wing 138 tail 105 1000 stomach contents dumes weak 1566. Merula magratoria. a. Wetmon. Oraw east of Touren, Kanson irie troom maxilla and top of

mandible black rest of bill williading madellar tomic yellow torsics brown clause black Length 251 wing 128 tail 98 fad stomach contents sumac sude 1367 Dialia sulis. a Wateron. Krow last / Jawwa Kaners, vie da 11 bron . bill black. gape slightly orange torsus and feet black Length 1632 mig 93 toil 59 god Stomach contents annac sude 1568. Ollowing alpestria praticila Gill Etonou favorie est of Laurence, Kansas, in town making und top I mondeble black base of mandebly wory white tonous black length 176 wing 102 tail 65 Bods Tomach contenta seeds 1569. Alocorio alpestrio praheola. a Withness pravie east of Lowrence, Kansas. vis brown. maxilla and tip of mendible dark hair bown base of mandeble duit buffy white, largue chark brown singth 170 wing 102 tail 62 fad stomach contents seeds 1570. Calcarius lapponione. Q l'almon prairie east of Townerse, Kerne as, iris brown top of bill black rust dark cimmannon brown terrore chill brown Jeugth 148 ring 87 tail 3 / Pad stornach continte seeds 1571. Passerella iliaca. Q. Wetmore Horseshoe Lake & ast of Towner, Kansas, vin brown maxilla blive brown base of mandibh yellow. rest of mandible tomapellar lower Fact & tomach contente suche 1572. Brotiska grenda. a. Wilmon Drown enst of Saurende, Konsus line too on till pale stell common. tarous bown. Length 187 wing 91 tail 85 dad stomach contents such 1573. If incle monteda, 4. Witmon Word Bust of Lawrence, Kuneus in trown maxilla and tip of brown I right 158 wing 79 tail 75 God Thomach untarte such 1574. Spirella montiola a Wilmon Drow & ast of Invener Kameas, vie brown maxilla and tip of man dithe black. base of a candible yet low tarsus stark brown. Jenyth 155 wing 77 tail 72 stomach contents 1575. Melospiza Cineria mulader. Palledone in Jaki

Ald 1. The southern Willy.

east of Lawrence, Karsas, iris bown in applied black. base of mondible buffy, maxiller time andrest of more libble grundle state larous to ale brown Lough 162 . wing 68 tail 72 Oad tomach contents suels 1576. Junes hymalis. & Wahnen Drow east of Jaurence Kansas, iris brown top of tell and metrile checky rest purish white lances pale brown territhe 136 king 76 tail / Binstonnach Contents seeds 1377. Carpodains purpovers. a. Wilmon Krawe ast of Laurence, Konsas, no brown bell dull whim base of mandith paler tarsus brown Tength 160 wing 82 tail 57 8 im stomach contents seeds 1578. Carpodaens purpurens. 9. Wetmon. Oraweast of Lawrence, Kansas vis brown bill dull olive base of mandible for ler larene dock boun Jength 130 wing 8/ tail 57 fact & tomach continte Decdo 1579. Carpodacus pur pureus. 42WE linou. Conveast of Janvence, Kansas, vies brown. bill dull dir. base of monthble slightly party tarons durt brown Length 148 wing 85 tail 56 8 im a tomach contents seeds 1500. Sitta Carolinensis. a. WEtmon. Watarusa, River last of Journey, Kansas, vis brown maxilla and tip of mandilly black. rest of mandiby & base of culmen bluish white largue brown Length 145 ung 89 tail 45 Fad atomach Contents much 1381. Certhia familiario americana. G. Ur timon Wakarusa river east of Jawrene, Kansas, in brown maxilla and tip of wandible dock brown base of manchible punkish with te, tarius clark brown. Longth 132 wing 63 tail 59 Food stornach contents used to This morning it was cold and frely with one half inches of snow on the ground and the Sty was rureast. Clate Hackman. Dallas Hanna and I walked out to Horses hoe Lake, a little more than eight miles. For the first three mules we followed along some now hills in the hollowed which were patches of bush with occasional extensive groups True Then the country con I and we transmed

a flat prairie, marshy at first and covered with grass and then changing to entire helfulds. The whole country was formerly and ble but since the food of 1903 water has stood in portune of it In spate of drawing slatches. The banks of Horseshore slightly thimmer than that along walarusa and composed in the main of smaller trees. The dale itself was an ply a cut off from waxarusa, the oplow dook of the old Physical geraraphap. At was frogen over though not strong by enough to hall upon but the Walanga River was in most plane i from because of the swift current. Il is a small river what would be called a creet in Wisconsin and is subject to sudden river. The banks we step emil mudely and ownhang the mater in many place. The water is & lightly midely. The current is protein with much flood trash and occasional beds of gravel across which the water forme reffle. du one place near the bridge wist of The lake there was a sundstone outcrop along the waters edge. The stire was smooth and rounded from the action of the water. The mind on these sottone is study to an extreme elt balled up on our fut i burning the afternoon when it began to those so that walking was very hard work of do to very much if a smight, horse could have pulled us. On one other trip out here we were nearly stuck and had to get out and walk. Our dinner consisted of a robbit cooked Humbers of Tox Squirele were sun in the tumber. The people here call them Red Eguerals. I shot one finale with three young by motate She pooled his head out of a hole and of thought it was a dereck Unland shot her. The young were opinite large but a ment of the the

open yet. Charles Bunker says they I pun their eyes when seven clays old. Their must be if fair size who bon them. These squaled shouly when tester out into the our and were cerviced with a sort of the which was hard to get red of. The front legs appeared very long and reached out as if to grosp something continually. The long hairs were furt begin ming to a hour on the tail of tool them up to the Museum and put them we in Fernalin. Som frequent signs of I well gophine both in the helle and prairie. In on spot the humile were observed in the snow. This of the ground throwing to the earth at the Surface until an irreguler winding line. Occasionally be great quantity of earth is Mrown out in she form If a wick and within this is tracealed an entrancy hile. Robins were common me sheltered places in the hills. The ground has been considerette show for a vul now and they have been faring rather fros by. Those latin had no fat rehatever upon them and even the sectoral musches were a hounter survey until the the Sterman trojected in a sharp time. They were very terme and allowed a close approach and when frightened only flow a few fut - they were caling the sumae burnes and sat on the bushes preting ravinously at the borries. I do not think that these buries contain much mutument. Une Robin had a sharp undentaline on the Stermin as though it had bur struck by a shot. Crows were Common of Course. They a good signs of having nests. The action in a good that we appreached a comment when we appreached a

the provide where it shood spreading its tail and nerrously upming and shutting its wings exactly as a Michael would do under similar conditions. In several grove that we passed through crown sat in the tops of the true watching us a lintly as though they had nests near und several frish mists were seen. The old nest was located in a plum thicket about tromby fut square which stood out alone do a draw on a hill. The most was valy ten to trucker feet from the ground. The specimen taken was about the smallest one dever saw, The feathers on the back should traces of troom. Un the feather of the cyclide were Small eggs of some insecte. Host of them had hatched. Wherever a hunt hard within a robbit the crows had come down send picked our the remains thoroughly. One was sun eating Something which it held in its feet but what it was I could not tell. Orn Whithwest of Janvaner is a locality which seems to produced a white or grey Crow every year. There is one specimen in the Museum which was taken out their and others have bun repreted. du a hollow on the north stope of the hills was a protected place among some bushes und here Hanna shot a Michigaria. He mistool it for a thick at first all flow from one clump to another and the skullidamong the bushes all nad evidently wintered here as the plumage was woom and stained and the tail feathers were just being renewed. They One respected as very rare in the summer here but There applans to be no other wenter record. Probably the melaluce of the race unit Litariante acon. in it. In one large grassy march from what coursel the wire sun. WE were weeking whom the one in

grass and they got is two its him. if got were and hit worther slightly and Hackman Stight was a trong, casy and full some below the line of the booky of each stroke young their I notice by a percarance and by the mounts they could be obstruguished from Harris wta distance The last two lit in the tops of some umall true where the crows tothered them. I ter a few roundes one sailed and beat acrose the morsh and lit. The the seconded into the sir mounting higher and higher until at last it get so brigh that we could scarcily we it. Here it would enound in cure les lete à and tail for ten munche with accurrily a best if its wrings. Then it descended town or a long dant mu quarters da mile long, Sailing with sel wings directly against the wind and finally coming to senth clown hear the Wakarusa. Later in the day another was seen beating our this same murch Migh in the sir. It is not very cloudy of ed her trang, I have read of their long this but never saw t before. In stornwe he if loth offerming were can foly out they were extremely An this warsh were went twenty Hierara spread out and Justing in the talk grass. They were about worty develop between the five well out no shots. When fughtened they generally fle a shot whatance and Ino small flocks of Inpland to grane were sun to the plant fully our actively a best and were not very unlest the dring at viewless the arm inte deform from

The Two totim were finales. It flocks were accom-

Shot one female Howed from that was as bight as a make oft is perhaps another sub-spense than Ca praticida but deled not attempt to work it out they are in peaus in some cases now. Harma shot one Savanna sparrow and dam sure a saw a single Ferrugineous Rough legyed Hant. alt sat in the top of a bush until we were quite close and thin flew. It looked as large us an eagle und with its redship back and white underparts could not be med when all show a large was a March Hand out of a buch and then plans a March Hand out of a buch and then plans and then plans and then plans as a march parts.

March 22, Tuesday.

Sunday proving it snowed and burning the day about six inches of snow fell. Having the afternoon the flakes were especially think and this is one of the heaviest storms that has occured here.

Ouring that afternoon of observed two cedar wax wings on a sidehill. They were cating the back beries and died not seem at all depressed by the atom but rather seemed to cryon it. They then about balancing on the stender stone with raised rests and not seeming at all afraid. There cannot be much nourishment on those will have a hard time for a few charge. Judge however the ground is trave in place and the several time for a few charge.

In the Museum we have a caption translino Spermaphil. This animal was formerly common in this vicinity but Prof. Dyche says that this is the first one he has sum in ten years. That this is the gravity land here is under enterestion

and this many henve consered to extenders. There i am be me other as the unimals line in burrows in The ground in of is therefore Merotested from most of to enemies. This one was found about they fel in derigramed by severe my vis who were execuating or the unwesty grounds. At was habernating in A was very dull and sleepy when first tought a. When touched it made sawally in effect to get away and when released sign immerchality closed to Eyes. For ich ins and I moved it into a colder from and that night it appeared to water up for it except and was not found until afternoon when I complete to riming around in the shop. It struggled strongly to get away but made no effort to take. All first extense it appears Determent at lite a grey Aguerral butis smaller und shows a shorter less bushy laif. It is frobably what mine enchis long & xilusing of the tril which would make at least five more. Est is more the than grey squired and has darken underparts. When viewed closely the him has a formhar spotted upperance. The for is soft undrather short. The kens are long and showy a offitted for hagging. the animal climbs repolity up the ini sides of to cage hanging there coasionally for to g periods. It is nother wile a dremains hidden in the mest most of the bine- Once when my hand was near its tread to your a line comions yout as though in gry cet other times it lywi a low shrill whistle somewhat like that of Uraconsin granters but cleaner and more musical. It easts the recold and more server some" of with

March 29, Thursday. 1582. 1. perlo rythrophthamus. Q. WElinou. Washington Creek, southwest of France, Komsas, inis red. bill dull black tarsus 11 Sun. Tength 217 wing # Itail 97 3 ad Stomach contents suds 1583. Cardinalis Cardinalis. G. Welmore. Washington Cruk Southast of Janvence, Kansas, via dull brown billred tarsus brown. Length 221 wing 97 tail 103 & ad stomach Contents. seeds 1584. Junes hyemalis. A. Wahmor. Washington Crul, Southwest of Source, Kansas, vis form. bill printish white top and nostrile slightly dusky. Jungth 148 wing 79 tail 65 tarous brown oad Stornach contrute suds 1585. Junes hyemales, G. Waterow. Washington Creek, southwrot of January, Kansas, vis brown. but printich white tip and nostrils slightly dusky larsus brown Jugt4/55 swing 80 tail 67 d'and stomach motents suche 1586. Melospiza cinerea melodia. a. Wetimore-Washington Creek, Southwest of Lawrence, Kansas, iris brown. Vase of mandible buffy rest and maxellar bornia grunich Slate. rist of maxilla hom tarsus pale brown. Length 164 wing 72 tail 71 and stomach contints suds 1507. Welospina cinera meloolia. a. Wetwow. Washington Creek, southwist of Lawrence, Kansas, vis brown. base of mandible buff. rest of mandible + maxillar tomia gremah slate. rest of maxilla horn, tarsus pale brown. Jungth 157 wing 69 tail 68 day stormach 1588. Spizella montievla. a. W. twoe- Washington Creek, Southwist of Fawence, Kansas, iris brown. maxilla and tip of mandeble dark brown - base of mandeble yellow. tersus brown Length 154 wing 74 tail 66 and stomach Contenta suds. 1589. Spizella monticola . a. Wehnor. Washington Crut, Southwest of Lawrence, Kansas, vis brown. maxilla and tip of mandible brown brownsh black. base of mondible yellow. larsus down brown. Lugth 150 wing 71 Call 65 Fed stomach contents suds. 1590. Spizella montrevla - a. Wature. Washington Creek

Southwest of Lawrence, Kemsas, vis brown. Maxilla and tip of mandible brownish black base of mandible yellow. Larsus black brown. Length 148 wing 11tail 65 9 of otomach contents such spiritla montrola. A. Watering. Washington Creek, Southours of Lawrence, Kansas, vis brown. maxilla and tip mandible brownish black base of mandible yellow. Larsus dark brown. Length 145 wing 71 tail 65 farl Stomach contents suchs.

1592. Spisella monticola. Wilhim. Washington Crut, Southward of Janvener, Kenses, inis brown. mancilla and tip of mandible dull black. base of mandible yellow tarsus dark brown. Jungth 147 wing 71.5 tail 65 fact Stornach, when I tends.

This afternoon morning Mr. dee drove me out to Washington Creek. The mud was terrible and it was noon before we got there. Part of the afternoon was spect in fixing up camp, there was an old house there having two rooms and I was soon established. The house stood in a drow running back into the hills and faced a level field. On all the other sides were hills covered with true and brush. A small brook san past the door affording good water. The country to the south is rather hilly and broken while in the other directions it is level. The house was about sine miles from Jamence almost directly southwest. To the west were hasty and washington Creeks and the wasternoa run was a little over soon miles moth.

This is the first warm day we had had for some time and this afternoon it was really warm. This and other insects were out and I saw one hong bu. It is are abundant. The Frogs have bun out since a heavy rain two days ago and are now Calling continually. The grass is gettinggreen also and I think the frost is almost bully out of the ground.

a few birds. The Sparrows were minerous and strangely evoragh they sum to be the lastern species. Those taken were on the last visit were all western. In those taken boday the color of the crown showed plainly from the waring away

1 12 00 . H 1.

And a Bankin

of the left of the feathers. They were found stulking along on the ground and also in bushy places. Sometimes they were both to leave shelter but again would start out and fly long distances.

Jong Sparrows were quite common. They skulkedalong in the brush running rapidly from one cover to another. Fate in the afterson. They were feeding in the long grass just outside the brushin which they took refuge when a tartled.

They a amay quite a good deal.

Cheminals were common along the side hells and sat quilty singing in the brush, The song was very pleasing bring the same as that of Wisconsin specimens, which burn pil-a-wil-a bush and when on the ground they Kept in the thickest brush and were very hard to find of could only locate them by the seratching sound they made in the leaves.

During the wayness of deruch Ilwl was heard several

During the wining a Scrueh UlwI was heard several

time.

The toads began to call after dark and one trilled at short intervals from the branch until ten velock.

"March 313, Friday.

1543. astragalines tristis. a. Wilmore. Washington Criek southwest of Janrener, Kansas, vie brown. Vill hom. base all around slightly buffy. tarsus dark brown. Tength 125 wing 72 tail 485 and stomach Contents elm sude 1344. Passerella chaca, a Wilmon Washington Cruk, southwist of Tourence, Konsas, vis brown. maxilla und tip of mandible dull brown rest of bill buffy white. arous light brown . Lingth 170 ring 84 tail 65 God stomach contents seeds 1595. Passerella iliaca. a. Wetmor. Washington Creek. Southwest of Sawrence, Kansas, in brown. maxilla and tip of mandely hom. trasal of half of culmen brown, base of mandeth gellow, rest of mandible and maxillar tomia pale stale tarous brown. Tength 180 wing 89 tail 75 & ad stomach contints such 1546. Zonotrichia querula Q. Watmon. Hasty Cruck southwest of Sawrence, Kansas, iris from bill pale dull comamon tarsus brown. dength 182 wing 880 imstomach continte suds. 1347. Populo erythropolithalmis, a. Wetmore. Hasty Crub southwrist of Jawrence, Kamaas, vio red. bill black. Tarsus brown, Lingth 195

wing 40 lail 99 Food Almach continte suds.

Tyn

1598. Dryobates pubiscus mediamis. a. Watmar, Washington Cruk southwest of Laurence, Kansas, vis brown. Will black-base of mandille dull state, larsus dull grunsh state Jungth 166 wing 92 tail 32 ford stomach contente grubs 1399. Juneo hymnalis. a. Walmar. Washington Creek, southwisty Saurence, Kansas, vis brown bill pale publish white top and mostrile dusty. Lansus brown. Length 151 wing 76 (ail 67 & ad Stomach contents. suds 1600. Sayone phoche a Wetnow Washington Cruk southwistof Jamener, Kansas, iris dark brown. bill black. larsus black. Jength 174 wing 84 tail 70 Bad stomach Contacte moists 1601. Melospina cinera melodia. Q. Walmon. Washington Crut, Southwest of Januar, Kansas, inis brown. maxilla dusky. base of marchele dull brange buff rist of mandible pale State tarsus poli brom. Turgth /68 ming /1 tail 73 3 ad stomach Continta 1602. Junes hymnalis. a. Witmore. Washington Crul, Southwist of Lawrence, Kansas, vis brom bill pale purtish white tips and mostrile dusky larisus brown. Jungth 183. wing 77 tail 68 d'ad Stomach Contests such 1603. Parus atricafullus, a. Wetmor, Washington Creek, southwest of Lawrence, Kansas, vis brown. bill black. tarsus slate. Tength 129 wing 63 tail 58 food stomach contents insects 1604. asio wilsomanne. a Watmon Washington Creek southwest of Lawrence, Kansas, iris yellow. bill Mack inside of toes dirty white Length 370 wing 304 tail 138 fact stomach contents 1605. asio wilsomanno. A. WE tomore Washington Cruk southwest of Laurence, Kemsas, tris yellow. bill dull black. stomach contents short-tailed voles 1606. asir wilsomanns. a. Weterne. Washington Cel southwest dirty white Lingth 339 wing 291 tall 51 Bad stomach contents - whot tailed who 1607. asio wilsomanns. a. Wetmor Washington Creek, southwest of downerse, Kansas, vis yellow, bill black maide of tons chirty white Jungth 334 wing 305 and 140 of workstomach

85. Asio wilsoniamus a. Withmore, Washington Creek, Southwest of Jawrence, Kansas, nest twinty fut from ground in Black vak. made of twigs a of bask. Lined with back and feathers eggs 6. Cowns brachyshyness. a. Websone. Washington Cruk southwest of faurence, Kansas, nest thirty five fut from ground in Black out. Made of twigs leaves and backlined with fine back eggs I fresh & seen.

This morning and allolog it was gramm among h

Dief not get up very early band after breakfast went up the drow math. Shot a small american goldfinely in an elm tru. The bird was busily kicking the buels off and eating. The throat was literally crammed with the food. Later a small flock was encountered Blong Hasty

Erut. They song merrily and in chouse from the trees. Sow an thoughty out of a true and going over there scared out five Long-scared livels. Three were shot. They appeared immense on the wing and a thought they were Homed lewlo at first. all would up into a little brushy place in a bowine. They had been sitting in a clump of graperines. Saw what appeared to be a Crows nest a few roots farther on and climbed up to it. When just below it of looked up and som an lives tail sticking our the edge- of climbial carefully and was about to grasp her when she suddenly raised her head looked around and flow to the next the. Here she sat with feathers standing in and turning quietly first one way and then another at the same time snaffing her with one wing hanging down as though wounded and stoned everyway to drawing attention. The made elso came flying up but contented himself with simply ruffling his feathers and snapping his bill. The nest was in a small tru which though it stood among others was visible for some distance. It looked like an old Crows mest the line was mixed with many feathers of Narious small brids. I he six eggs were white although Stamed and nearly round. (One of the llw lowers lighter than the others

Along the hell to the southwest were great numbers of Sparrows. The Fox Sparrows were very secretive. If formal them in among the thick plum brush gathered into little companies. Some of these were perched in the bushes singuing while others were feeding on the ground. Here it was almost in possible to see them because of their stealthy movements.

Could nearly step across of scared up about a dozen Mallard they were strong out so that d'only got our shot and that dt too far a distance. They went off to the north and d'think let along one of the Creeks again. Une gave a low quark just before flying these alarming the others.

The Crows are just beginning to not Climbrol up to several nests which were just finished and took a single egg from one. The Crows become agitated the moment denter the woods and sat around in little groups cawing at me. of could see them leaving their nests although they were emply at is probably the same instruct that make them set on the nest before the eggs are laid that make the hen" broody! about dack of the crows came flying in from the bottens where they had been fucking. Those around the browse were flying wround all stay sometimes low stown and sometimes high describing graceful circles probably for the edification of their makes.

There is a single Red-shafted Flicker around. I have heard it several times and this morning sour. At was furting the ground and flow up exectly like the yellow. That is and let in a tree of statled it carefully behind an bat but it flow in some way without my sung it. The note is slightly different from that of the yellow-shafted as a have remarked before.

a single Jurky Nulture was around all day. Every time of appeared he kame flying inquisitarily overwith head but down to watch me . I shot we at him and he want off badly frightened. Elt is now granful them a Redtail on the way.

There are a number of Red lailed Howks aroundand there must be a most near. They are in eight almost constantly. Sow one, appearently are made from the small size, go through a grauful excurers. If was seiling against the wind when it suddenly about its wings and went off at a slant only to catch itself and rise again to repeat the ferformance. This was stone many times and was varied by dropping straight down into the trees. In the forenoon of had shot a rabbit and about down they deserved it. One swooped down to it and immediately three others came and first my would light until another sourced towards and there it would fly while the other lit. They screamed at lach other a good deal.

There are a number of fox and a few grey sawrels around the house and some of them stay in the roof. I am convinced from what at hear sun here and from some observations made at studepurtue Kans as that this animals are partly mortumation their habits or a least that they come but a great deal in the carry evening. These around here start to come out a bout six and it have heard them barking when it was quite dark out. The fox squarely appear to predominate in number all through this country.

The hills around here are composed of lime stone with occasional traces of shale. The hills are very stony and show both rough stones and rounded publies. The higher around is prostically worthless except for pasture but the low lands are extremely fertile producing large crops of kom and what. The hills have a speculiar appearance both somebod and at the same time flat which marks them. The sides are very stony but most of the on toropoling howe council by detritus.

Eggs asked houst straight-forward questions in trother language until he had learned all about me and my intentions.

Addice and the

March 31, Saturday 1608. Agelains phoeniceus, a. Walinoe, Washington Creek, southwest of Laurence, Kansas, vis brown. bill black. Carsus black Length 237 wing 125 tail 92 d'ad & tomach Continta Lucks 1609. Jonotrichia querula. a. Wetmore. Washington Crux. Southwest of Janvience, Kansas, iris brown bill Rale dull Comamon tarsus brown , Length 181 wing 84 tail 74 Pin. Stomach contents seeds 1610. Molothrus ater. a. Welmon. Washington Creek, Southwest of Jouvence, Kansas, vie brown. bill black. tarous brown. Lungth 192 wing 110 tail 71 God stomach Contents suds 1611. Junes hyemalis, W. Wetmon, Washington Crut, Southwest of Laurence, Kansas, vie brown. bill pinkish white the and nostrile ducky. Tarsus brown. Lingth 151 ring 78 tail 64 Jad stomach contents ruels 1612. Spixella monticola, a. Wetmon. Washington Cruk. Southwist of Janvene, Kansas, iris brown in axilla and tip of mandeble horn. base of mandille yellow. base of culmen dull buff. larsus brown. Tength 139 wing 68 tail 60 food slomach contents sunte 1613. Apizella montiela. a. Wetwor. Washington Crul Southwest of Jamene, Kaneas, vis from. maxilla and tip of mandelle horn. base of mandelle dull yellow. Larsus dull brown. Tength 143 wing 69 tail 64 Pad stornach Contente Deids. 1614. Melospiga cinerea milodia Gi Wetmore Washington Crul, southwest of Jaurence, Kansas, vis rom. maxilla hom. base of younge dull buff. rest of mandette and maxillar tomia facte slate torsus take hown. Tength 16/1 wing 69 tail 67 Bad stomach contente seeds 1615. Melospina cinera melochia. a. Withmore. Washington Creek southwest of Lawrence, Kansas, vie brown maxella blackish brown base of goings slightly buff. rest of mandible and maxillar tornia frak slate tarous very pare brown. Length 155 wing 64 tail 70 Food stomach Continute Ruels 16/6. Venthestie atricapellas, a. W. timon, Washington Creek

Southwist of Lawrence, Kansas, iris brown. bill black commissive Sinely sleets near base terms down slate. Length 13 wing 65 tail 61.5 Pad Stomach contents moveto 1617. Spizella pusilla. a. Wature Washington Creek southerd of Lawrence, Kansas, vice brown. bill Cermamon brown. Jesques light brown. Jength 140 wing 65 tail 64 Bad stoniach Contents seeds 16/8. Gonstrichia querula. a. Wetmore Washington Creek southwist of Lawrence, Kansas, vie brown. I'll pak dull cimamon tarsus Tools cinnamar brown. Length 185 wing 88 tail 85 Jim string A tring 1 1619. Jono truchia querula. a. Walmore. Washing ton Cruk Southwest of Faurence, Kancas, vie brown bill pale dull cirmamon tarsus brown. Tengette 184 wing 94 tail 82 Fact stomach contents such. This morning of got up about b:15. Crows cawing awalined. I travelled around the hills quite a bit loday and was surprised at the number of Crows nest. I must have seen twenty or twenty five all of them quest finished. They seem to be just about to lay. The nests all bear a great similarity to each other. all are made of coarse twigs and lined with bits of back and other soft material. All day long, at intervals large straggling hocks of Crows could be seen flying over going due north. I have son when that they were migrating as they did not return at might fall. Heard servial Golden-crowned Peniglets this morning but did not catche sight of any of them. They appeared to be moving rapidly through the trees Song Sparrows were abundant a a march which of visited and in fact were common everywhere. They were singing some but not us much as in the north. One that I skinned trakey I was positive was M. r. Juddi, Richop, but shal not mame it as such as al wanted to con-pare it fust . It was much paler and gregorall around. At flow up to a fince toost and sat there queetly until of shot it all was with others which were clarker colored. a few Cowbirds, males, wire some flying around singly. They pear to have a different note their come

I have heard get Every new place that I collect these birds have different callnotes. The one that of shot came flying over and circled around to light in the top of a true.

The main books of the Robins ofspears to have gone north. Unly a few straggling tones were roticed today and these are the only ones that I have seen out here. Of course in town they are common enough as they are

also saw a small Purple Finch. It sat in the top of a tru singing but flew before d'eviled get a chot. Sow two Marsh Hawke toolay, male and female and have no doubt that they will be nesting around

Seared six Mallard from a little pond among the true where dexpected nothing at all. They got up behind some bushes would could not see them also the afternoon three others flow over high up.

I served that was in the barn again but of mouse hair lay below where it was sitting.

all. Lev. adams and Charlie Bunker came out stant noon and Staid until after clamer.

Sow two Je Conte Sparrows in the march but could not get a shot. They always is caped me by flying into the grass where the reater was over my rubbus.

Stone shows usually from two to four feet high. Bunker said that the Junky Buggarabs nested in little hollows at the food of these outerops. There are prices of flint to be found how in some places amongst the time. In the homestone contains many fusiling and some comoids.

March, Birdlist. american Goldfinch English I Barrow Chicaclu Red-billied Woodpulin Hairy Wood puter Lufted Litmous Flicky Carolinal Downy Woodpele Ameo Purple Finch Trie Sparrow Wastern Iree Sparrow Red-tailed Haw' Song Sparrow White breasted Mulhatch Marsh Hank Bluebird Brown Cruper Robin Rough-loggedHowk Prourie Homed Fark Red-shafted Flicker Sharp- Shimed Howl Cooper Hawt Harris Sparrow Carolina Uren Seruch Owl Short eared Worl Color Washing Gambel Sparrow White-crowned Sparrow Mallard Red-winged Blackbird Meadowlast

Fox sparrow

Grem - winged teal Ring - method theel Canada Gover Ferragineric Rough legged Hawk Tapland Tongspur Savanna Marrow Mockingbird Jesser Jean p Duch Pintail White ramped thinks Northern I hrike Pigeon Hand Bronziel grackle Red-head Duck Killetur Herring Gull Befleherd Hutetin youse Shoveller Jusky Vulture Umerican Sparowhine White threater & parrow Cowbird Comercian Pepet Golden-crowned Kunglis 65. golden- crowned Knight

11/10/07 - - - - - - Les

april 1, Sunday. 1620 Regulus Calindula. a. Waterine - Hasty Cent, Southwest of Sawrener, Kansas, vie brown bill dark brown larsus dark Grown. Jength 113 wong 5715 tail 42 Fad & tomach continte insecte 1621. Penthestes atricapillus. Q. Wilmon. Hasty Creek Southwest of Jawrence, Kansas, vis brown. bill black largue bluish state. Tength 132 wing 64.5 tail 61 Fad Stomach Contents movets 1622. Spizella puella. a. Wetmon. Hasty Creek, Southwest of Jawrence, Kancas, vie brown bill kale cumamon tarous light brown. Lungth 147 wing 68tail 67 Bad Stomach contents incicle 1623. Melospiza cimera melodia. a. Watinore. Hasty Crul, Southout of Janviena, Kansas, vies brown. maxilla blackish brown. base of mandible dull buff rest of mandible and maxillar tornia pal slat. Carsus light brown Jength 155 wing 67 Tail 65 fact. Itomach contints such 1624. Junes hyemalis. a Wetmon. Hasty Cruk, Southurst of Jawrened, Kansas, vie brown bill pinkish white mostrile and tipe of bill clusty. Larsus brown. Jung the 139 wing 78 tail 68 Dad Stomach Continte seeds. 1625. Juneo mortames. Q. Waterou. Hasty bruk southwest of Jawrence, Kansas, vis brown. bill, pinkish white. nostrile and tip dusky. tarsus brown. Jungth 15 wing 76 tail 67 of ad-Stomach contents suds. 1626. Carpodacus purpureus. Q. Watman. Hasty Creek Southwest of Lawrence, Kansas, vis brown bill pale olive Mandible paler. gape tenged with yellow. Tarons brown Jength 152 wing 79 tail 56 Gad Stomach contents such 1627. Pipilo crythrophthalime, a Witnow. Hasty Crub, Southwest of Janviener, Kansas, vis rede. bill black tarons brown. Length 200 wing 82 tail 89 Bad stomach Contents seeds 1628. Sayonis phoebe. G. Victimore Washing on Court southwest of favoure, Kaneas, was brown till black. Larous black. Length 165 roing 78 tail 71 & ad Stomach contents insects 1629. Dryobatis pubiscine medianie. a. Watmon, Washington Crux, Southwest of Januar, Kansas, inis brown bill dull black base of mandible whitish tarous dull drat green. Length 162 wing 94 tail 519 and Itomach contents inscrip 1630. Sayonio phoebe. a. Wetmore Washington Crut southwest of Danrunce, Kansas, vis brown. bill black larsus black Ling th 171

wing 86 tail 70 Fad. Mornich witents insecto This morning it was cloudy but towards noon cleared up and became warmer. Sput most of the formoun along the hill to the south. It was covered with patches of plume brush in which were quite a few briefs Field sparrows were in fall song. They were not especially wild but a frightened them in getting through the bush and they resually flew rather long distances. In surging, they sat in plain sight in the Top of a bush but were So small and memopionous as to be easily overtooked. In furting they Kept near the ground and Slipped slyly along! There was also a single Puby crowned Kinglet on this hill and after sometime of secured it off was singing but kept dom in the bush and made such long flights that for a ong time of could not get near is There were quite a number of funcoes along the hill and all secured two. Une don't one of rejerved to J. montains. These two are quite different from the vothers taken at this camp in bring much darker. Saw two I wiple 7 inches whong the hill and decured on of April 2, Monday. 1631 Parus atricapillus, Q. Wetmon- Washington Bruk Southwest of Hamrence, Kansus, iris brown bill black tarms very dank state. Jung the 131 ring 64 tail 62 Food stomach Contents insucts 1632 Junco hymalis: a. WEthing : Washington Crul Southwest of Lawrence, Kansas, vis brown bill pale reddish hom. tip dusty tarsus brown Feogth 150 wing 17 tail 63 fad stomach contents such. 1633. Spigella pusilla. Q. WEhmon. Ubshington Creek, Southwest of Lewrence, Kansas, vis brown. bill bale amamon brown tarsus brown. Length 145 wing 70tail 71 d'ad stomach contents such.

Mullo Ct & Low

1634. Dryobates Rubiscens medianis, a. Watman, Workington Creek southwest of Lawrence, Kame as, vice brown. bill dull black - base of mandible hom larsus blackish Slate. Smooth 164 wing 94tail 64 Fad stonach Contints Musiclo 1635. Sayonis phoebe. a. Watmon. Washington Creek southwest of faurence, Kansas, inis troum. bill black tarsus black. Lingth 172 wing 84 tail 68 Fad. stomach Contrats Insucts. 1636. Sayomis phoebre a Wathra. Washington Creek Southwat of Januar, Kansas, inis brown - bill black tursus black. Lungth 172 wing 88 tail 75 Feed stomach contents marcha This morning of broke camp but stayed awhile to collect before leaving. At was the warmest day we have had get, Un the hillerdes the elms were beginning to blown and of found a single addies brigne. The papares grow here in the traws. They are not very carge and have a smooth grey back the bood is butthe and has a dark heart. the male Phorbe around camps has secured thru new matis in the last two days as I have bun collecting them and now he has another two of the females have flown in get the window and were taken as they beat against the glass. Unly the make appears to Call phoe be. The finale gives a simply teip oln the early morning and at might the male starts out calling there teer excitedly, and flying battile lividing first to one side and then the other through the trees - I mally he mounts near straight up in the air for twenty or thanty feet calling phoebe with greatrapishty. Then he drops back and becomes a prosaic Flycatcher again. There takes been a singh Red shafted Theter around, camp all the while of have here alt how notes which resumble all those of the

Common Flicher but are enough different as to be easily recognised. He flies around long distances at a time and usually takes surexposed perch in a tru. Before of can get within anywhere mean shooting distance he is gone howlver.

Un the was home there were great flocks of crows in the fields. Strangely enough they were flying up in the coir and catching ensects on the wing, I could have shot them easily from the buggy as they were very turne.

Sand sweat times their calls were heard although usually the bricks were too brigh who to be sum. april 7, Lahurday.

1637 Archibuter lagopus sanctifohamis. Parrish Southwest of Januare, Kansas Fad. other data lost.

1638 Colaptes auratus lutens. L.J. Dyche. Laurence Kanaas. Fod. other data lost.

april 14, Salurday 1639. Podelymbis pochcips: 9. Wiamiller, Kow River north of Faurence, Kansas, vis brown - maxilla Rate state. mandethe Rate buffy brown. ring around will at mostrel black. (arxive dark grunich slat. webs clouder. Lungth 309 wing 124 tail 38 & end stomach contents feathers. 1640. Fulica americana. G. Weirmiller. Kan Ring worth of Lawrence, Kemsas, vis reddish brown bill milly which tinged with stationlerwily frontal sheld and sport on both maxilla and mandible tark chestant. anterior portion of frontal shield and basal point arenish yellow. tarous bright greenich yellow. Jointo dusty. Lingth 372 wing 202 tail 52 Bad stomach contents seeds. 1641. Stalia stalis. a. Wetunou. Kow River north of Laurence, Konsas, iris dark chestrut. bill black gake yellow. tarsus black Tength 162 wing 101

tail 64 ford stomach contents unsects. 1642. Stelandopstery serripennie. Q. Watmore Kan River north of Jamene, Kansas, iris town bill black. Carons black. Ingthe 128 wing 109 tail 48 Bod stomach contents insects. 1643. Dendroica coronala. a. Walning. Kour River worth of Jamence, Kansas, iris brown. bill black. Torsus black. Lingth 140 wing 70 tail 53 gad stomach controls, riserte 1644. Regulus Calendula. a. WElmore-Kaw River north of Laurina, Kansas, vis dark brown. Will brown larous very dark brown. Jungth 108 wing 6/ tail 42 dad stomach Contents inerete. 1646. Regulus calindula. a. Wetmore Kaw River north of Lawrence, Kansas, iris dark brown. bill brownish black tarsus same Imgth 109 wing 58 tail 43 Fad stornach contents insects. 1646. Regulus calendula. G. WEtrung - Kaw River north of Lawrence, Kansas, iris dark brown , bill brownish black, larsus same Jungth 110 wing 58 tail 42 3 ad stomach contents insects. 1647. Fulica americana I. J. Deyche. Lake View near Lawrence, Kansas, iris reddish brown bell milly white spot on maxilla and mandible near top and frontal plate dark chestrut-larsus yollowish grem. joints dusky Jungth 385 wing 199 tail 45 d'ad stomach contints seeds. 1647/2. Pandion habelie Carolinensis. C. S. Krich Kaw River north of Laurence, Kensas, vio yellow bill black, base of mandible slate, tarsus plate hvid slate Lungth 577 wing 487 tail 207 d'ad stomach contints fish. Comitted by mistale) 11. Fad, taku, by H. J. Martin Jawrence, Kansas. Ingth 183 tail 29 hind frot 22. The word duck following was brought in to be mounted... Rix Skonsa. vris brange brown. nail, mandible

and chimen except space in front of nail black, bare ante-orbital space joining to bill orange shading to dull rose red at point even with mostril rest of maxillary tomia livid flesh who becoming flue at mail tarsus dull orange, webs dusky. I watth 444 wing 225 tail 102 & ad stomach contents. seeds.

april 21, Saturday. 1648. Carolinalis Carolinalis, H. E. Flowher Kaw River north of Janrence, Kansas, iris brown bill light Fed. stomach contents green worms; 1649. Cardinalis cardinalis. H. E. Forder. Kon River north of Lauring, Kameas, vie brown bill light red tarsus brown. Jungth 222 wing 97 tail 110 Fed. stomach contents seeds. 1650. Drysbatis villosus N. E. Fowler. Kaw River north A Janrence, Kansas, vie reddish brown. bill dull black. base of mandible paler. tarsus chill state Jungth 235 wing 122 tail 70 dad stomach contents morela 1651. Penthestes atricapillus. H.E. Fowler. Kaw River north of Lawrence Kansas, iris brown bell black Find stomach contents insute.

Jung th 15 5 tail 37 hind foot 20

13

Jung th 15 5 tail 37 hind foot 20

13

Jung th 76 tail 16 hind foot 13

14.

By g. Pill Trye Lawrence, Kansas

Jungth 76 tail 16 hind foot 12.6.

1652

April 29 Saturday Sunday

1652 Sterna Foreteri. J. J. Llyche. Jake view no ar

Jaurence, Kansas, iris brown. bill orange red. tip black.

Jaurence, Kansas, iris brown. bill orange red. tip black.

Stomach Contents fish.

-5-

Expril Budlist american goldfinely american Sparrowhart anglish Sparrow Bhierain Chicade Whit-throated Sparrow The by crowned Dinglet Golden wound Kringlet Sandhill Crane Red-bellied Woodpicker Hairy Woodpiller american Cost. Green urnged Jeal Infled Jehnouse Dowanna Garrow Flecker Pigeon Hank. Carolinal Mouring Dove Downy Woodpicker Wilson Luke Chipping Sparrow Western House Chen Purple Finely Wood Thrush free Sparrow White Pelican Red-tailed Hank Spray Long Sparrow ied billed grebe White breasted The Match Rough winged Swallow March Hank Mystle Warbler Bluebira Woodcock From Creeper Grasshopper Sparrow Winerican Rough legged Hank Henslow Sparrow Vesker sparrow Graine Homed Jark Ulive backed Thrush Red-shafted & licky Whard Oriole Cooper Hawt Clay woord Sparrow Harris Sparrow. Black crowned hight stron Carolina Wien Black and White Warbler Screech Plantow. Hellow Warbler Brown Thrasher White - crowned Sparrow Mallard Red wings of Blackbrid Mondowlark Fox Sparrow Ringbilled Gull Wood Duck The gray gradealcher Bromed Gracks Lesser Stank bluer, Turkey Vulture

Cooker Hawk

for 1653 see below no this page

Data in stomach auturte lost.

→ 1653

May 1, Sweeday
1654. Bonotrichia Lewcophrys. H. E. Fowler Kenn
River north of favoure, Kansas, vie brown. Will shell
brown. tips blooker. Carsus brown. Jength 173 wing 77
tail 70 8 ad Stornach Contents
1655. Bonotrichia albicollis. H. E. Fowler, Kan River
north of Jamene, Kansas, vie brown. Maxilla chesky
mandible obell slate of ape trigged with yellow.
tarens pale brown. Jength 165 wing to 9 tail 67 Fad
Nomach Contents
1653 Gavia winter. Jalin a Mc Pherson, Kansas. May 1905
preserved in tark Jignor + made up May 1, 1906. No further
data. given by J. J. blyche

1656. Pipelo Regettrophlhabrus. H. E. Fowler, Kan River north of Laurence, Kansas, wie reddish brown. bill black. Carsus clark brown. Length 210 wing 93 tail 96 3 ad. Stonach Continta H. E. Fourter, Kan-165% Geothypis truckas Piver storth of Jaurence, Kansas, vis brown bill black. tarone light brown. Jength 133 wing 57 tail 52 3 ad stomach Contents -1658. deteria virens. H. E. Fowler, Kan River north of Janvena, Kansas, vis brong. bill black rami dark Mach Cassus checky. Lingth 178 wing 78 tail 73 Jad stomach contents 1659. Setophaga ruticilla. H. E. 7 bwler. Kaw River north of Janrence, Kansas, iris brown bill, black torsus black. Length 125 wing 6 4 tail 53 God Stomach contents 1660. Dendroica alsting - H. E. Fowler Kaw Piwer worth of Laurence, Kansas iris brown bill black tarsus pah Nown. Lingth 125 wingle 4 toil 450 ad A tomach continte 1661. Den Aroiegaletia. H.E. Fowler. Kan River worth of Faurence, Kansas, vue brown bill black. Tarsus pale yellowish brown. Lugth 125 wing 63 tail 43 Jad. Stomach Continte: 1662. Loxostoma rufuin. H.S. Fower Rown swith of Lawrence, Kansas, vis brange yellow. bill black base hom, Carous brown. Lingth 287

wing 102 tail 128 & ad. Stornceth Contents
1668. Bryobates publicus mechanis H. E. Forder, Kaw
Ring north of Jamence, Kansas vis brown, bill
black tarsus chill chab Lingth 163 wing 92 tail 56
Fad Stornach Contents
1664. Syrrams lyrrame. 14-E. Forder, Kaw Ring north
of Jawrence, Kamsas, iris brown, bill black tarsus
black Jingth 219 wing 123 tail 900 ad. Stornach
contents
1665. Molothius ater. H.E. Forder, Kaw Ring north of
Jewrence, Konsas, vis brown, bill black larsus flack.
Jungth 200 wing 108 tail 76 Bad. Stornach welente
1666. Botanus lentiginosus, H. J. Martin. Haskell
bottoms, Jamme Kansas, Bad. Stornach contents
Small anale. withy data lost.

166%. Melosping timeoling. Q. WElmon. Kaw River with of Jawrence, Komean vie brown. maxilla clusky base of goings chill orange buff rest pale greenich state. tarous paule brown ingth 148 wing 64 tail 55 8 ad stomach contents seeds. 1668. Chordeste grammacus. a. WEtmine- Kaw River north of Laurence Kansas, vis brown. Maxilla dusky. brown base of gongs pak buff rist of manglitt Pale slate Eursus brown Jungth 17/ wing 90 tail 70 Fad Stomach Contute suds 1669. Chondistis grammacus. Vris brown. Maxilla blacksh brown base of goings whill briff rest of tail 65 Fad stomach continte suds 1670. Chonclistis grammacus. a. WEtimore. Kan River north of Jaurence, Kausas, iris brown. maxilla Lucky base of grups pale buff rest of bill pale state. tarons brown Length 165 wing 87 (ail 6 45 and stomach 1671. Prothonotaria citrea, a. WEtmone-Karo River morth of Janvence, Komsas, vie brown bill black larries

brownish slate Lingth 146 wing 74 tail 49 Factstomack Contents insicte 1672. deteria vireno. G. W. Etrion - Kano River morthit Laurence, Kansas, iris, dark brown - bill Hack rami Much Slate. Carsus dark dusky from. Fungth 183 wing 7 9 tail 78. Fad stomach contents insite 1678. Oganospiza cyanea. a Wetmore, Kan River north of Jamence, Koursas, rie dant brown. maxilla and goings black. mandable brown shading to yellow on rami tarsus very dark brown Lugth 138 Jurig 68 tail 55 Bad stomach Contents misute 1674. Dendroica, aestria. a. WEthnore- Kan Kun north of Louvence, Komsees, vies clark brown- mexilla, Herek mandible very dark slate tarsus buffy brown. Lingth 127 wing 66 tail 44. Fad. ston con-marke 1675. Dandroica aestria. a. WEtmore- Kaw River north of Janvence, Kansas, ires clark brown maxilla black. Whandeble clark slake tarsus yellowish brown Longth 126 wing 63 tout 44 and stomach contents, insicte 1676. Froglodytes acolon azterne, a. Wetmon Kan River north of Laurence, Kansas, vice brown. makella black tip of mondible dusky, rest dull flesh color. larsus isabilla brown. Lingth 123 wing 52 tail 41 1677. Troglodytes acolon agtions a WElmon - Kaw River north of Jawrence, Kansas, iris, brown maxilla black tip of mandible slate base dull flish colon tarsus isabilla brown. Lingth 120 wing 54tal 40 a-Wehnow. Kow 1678. Deothlyfrix trickas River Snorth of Laurence, Remeas, vie brown bill black tarsus pak brown - Length 125 wing 52 tail 49 Tod Itomach contents insets, 1679. Viveo, bellie, a. Wetmon. Kow Row roth of Favrence, Kansas irie brown, maxilla, dull himm. mondith hom. larsus chell blinch Slate Jength 122 wing 5 8 tail 47 & ad inserta. 1689. Empidonax traillie alnown. Q. WEtmon-Kan

both

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Bord otime con insuto >

River north of Lawrence, Kansas i vis brown maxilla dark brown. Whanduble hom with a line each side of Jory & brown tarous black. Lingth 13 5 ming le Hail 56. north of Laurence Kansas, ine brown bill black tarens Mack. Tingth 230 wing 124 tail 948 ad stomach withits A suds 1682. Agelains Shoenicens. a. Wetimor Row River north of famena, Kansas, vie brown bill black. tarsus black. Imgth 224 wing 122 touil 83 Gad stomach tontuits sude 1683. agelaine phoincins, 4. Wetingon Kan River north of Lawrence, Kansas, vis brown bill black larsus Harr. Ingth 219 ming 124 tail 88 Fad stomach contints insects. 1684. agelains phoenicus - a Wature Kaw River north of Jawene, Kansas, vie brown bill black gongs hom. Larsus black. Jungth 188 wing 100 tail 70 Rad stomach contents. suds. May 14, Monday. 1685. Empidopap acadiene. J.D. Henna. last of Januar Kansas. O', Given me by 9 W. Hanna. original no 190 May 15 Junsday. 1686. Progne subio. Q. Wetmon Jawence, Kansas, vie brown, bill black tarone liver brown. Jung th 188 wing 145 tail 71 & ad stomach contents insuto. Today a male and female martin fell, while copulating to the buil sidewalk in front of the K.U. bartonshop and the female was Killed by the fall. strangely enough the ovaries were so small that they could only be detected after a minute examination. May 22, Inesolay. 1687. Passer domesticus. a. Walinore Museum building Lawrence, Romsas, vies hazel brown. Jonys dull buffy. white rest of bill dusty. culmen shashing to is willa color. tarsus dull cuma mon brown. Tength. 157 wing 80 tail 58 fad. stomach contents seeds.

May 25. Friday.

1888. Poolignbus podiceps. (and apollo. Washington Orest

1642 Cremetes pusillus Given to G. D. Hanna Taurence, Kancas

Southwest of Laurence, Kansas, vis brown bell pale slate. Cutimen hom. bound wround bill through mostril black tarsus chill black webs and yternal face dark slate. I ad stomach continte feathers. May 26, Jaturday. 1689. Exemetes pusillus, a. WElmore-Kow Row north Hawrence, Kansas, vie brown bill black larsus wood brown Teng the 155 wing 92 tail 3-8 Bad stomach contents - 00 ze 1690. Erennetes pusilles. a. Wetrure. Kan River north tarsus dusty brown. Tength 154 wing 95 tail 40 3 ad stomach contents voge 1691. Eremetes pusilles. a. Wehner. Kom River north of Lawrence, Kansas, via brown. bill black. larsus wood brown Tergth 159 wing 94 tail 41 Fad Monach Contents voze. 1692. Erennetes pusillus. a. WEtmor Kaw Kwer north & Cawrence, Kanasas, iris brown. billblack tarens dusky brown. Jength 162 wing 101 tail 46 Fad. Stomach contents. voze. 1693. Ereunetes pusillus. Q. Wetmor. Ken River north of Lawrence, Kansas, vie brown bill black larsus Arroad brown. Length 16/ wing 44 tail 39 & ad Stomach Contents boze 1694. actitis macularia. a Wetmon Kaw Phores north of Jamence, Kansas, iris from. tape of bill Tusky. base of magalilas dull wood brown base of mandible dull buffy brown. Jung the 195 wing 95 tail 46 8 and stomach contents insecti-1695. Nues olivaceous. Q. Watmore Kaw River, north of Jaurence, Kensas, vis Bale red. maxella dusty, base of mandable you rest dull Mate. Carsus light slate Jungth 154 wing 78 tail 53 Sad stomach contents insiets 1696. ajanospiza cyanea. Walnow. Kan Pron north of Lawrence, Kansas, iris dark brown; gorings + maxilla black. rest state tarsus brown stugth 138 winglestail 528 and stomach continto insuts

1691. Cyanospiga Cyanea, Q. Withway. Kaw Rown worth of Lawrence, Kansas, vio dark brown. Gongs T mapilla black rest of mandet, slate tarsus dark brown. Tength 140 wing 67 (ail 50 Bad stomach Contints, moiste 1696. deterus spurius. W. WEhmon. Kaw Run moth of Laurence, Kansas, vie brown. mandebular ramin slate. rest of bill black. tarous chall Mate Tength 17/ wing 78 tail 70. Bad Stomary Contents insuces 1699. Wendroica Destria - Q- WElmane Kaw River north of Fawence, Kansas, vis brown. maxilla black mandibly slate darsus dull buffy brown. Tength 125 wing 58 tail 40 fad stomach Contents insicto 1700. Vires bellie a. Wetmore. Kaw River north J farrence, Kansas, inis brom. maxilla light Nown-manchole flesh color larsus home. Jungth 118 wing 55 tail 44 Bad stomach contents morela 1701. Empidonax acadiens U. WEtmon. Kan River north of favence, Kamas, tris brown. maxilla black mandible shell orange buff. tarsus black. Length 146 wing 70 tail 55 7 ad stomach Contents meets 1702 Empedonax acadiens, . 4. Wetwer . Kaw Kur north of Jawrence, Kansas, vis brown. maxilla very dark brown, mandely buffy brown tarsus black. Jength 149 wing 68 laid 55 Gad Stomach Contents insects 1703. Impidonax acadhens. Q. Wahnow. Kan River north of favorence, Kansas, vio brown. maxilla brownish black manchell dul buffy brown. Farsus black Longth 152 wing 72 tail 60 gad Stornach continta wisels 1704. ampelie cedronum. a. Wetmore Kaw River north of Faurence, Kansas, vie brown. tail 588 ad Stomach contents mullionies

1705. Wholothous ester - a. Walmore. Kaw Pron north of Jaurence, Kansas, vis brown maxiely blev? mandible blackish slate tarsus bleck Tength 180 wing 96 tail 66 fad. Itomach Contents 1706. Ralerscoptes, Carolinensis, A. Wateriore. Kaw River Fronth of Jawrence, Kensas, iris brown bell black larsus brown Tength 215 wing 90 tail 95 & ad stomach contints hisecte 1707. Toxostoma rufum. Q. Weturon. Kaw River north of Fourence, Kansas, vis syllow maxille + tip of mandible dusky base of mandible dusky tarsus light brown Jength 273 Wing 103 tail 127 Oad. Stomach contents. insicto This morning after breakfast fromt and was very not and sultry. acadian Flycatchers were my common and I heard their whit see a coming from all around me. The Cirols themselvis I were rather secretive and slipped away out of sight through the willows . When seen they were usually on an open perch and sat quietly. Thick trustry places appeared to be their favorities. along the rower of formed a little flock of simpalmated & analpipers. They flew dep from a midbant and whiled and circled wround calling. They started will up the swo and went out of sight but in a montor two few muntil were back standing in a close little flock on the mudbank. I got five all together. The others did not seem afraid at all. They acked much like the Least Sam obsiper but the holes were a little different. 1708. Pipilo crythrophthalmus. G. D. Hanna, Janvence, Konsas. Mar. 3, 1906. original no. 98. Given to me by 9.1.

1709. Struella puvilla d'yg. Touvence, Kameas, May 28, 1906 G. D. Hama. original no. 228 given to mil. by G. D. Hanna. May 30, WEdmesday. 1710. agelane phonincus. Q. Welmon. Hashill marsh, south of Journe, Kansas, inis brown maxilla and tip of goings shell black. rest of bill hom. larsus black! Lingth 194 wing 103 tail 68 fad stomach contents insuts 1711. agelains phrenicens. a. WEtmor. Haskill marsh, south of Janne, Kansas, vie dant brown madella black mandilly blackich hom tarsus black. Tength 191 wing 97 tail 674 ad Stornach Contents insicts-1712. agelains phoenicens. a. Watmore. Hastill marsh, south of Laurence, Kansas, iris dark brown bill black, tarsue black. Zingth 235 wing 120 tail 87 Fad stomach contente insuts. 1713. Ipiza americano. a. Welmon Haskell March south of farmence, Kansas, his brown. culmen and tip of madella blacket hom. base of goings family pent. rest of bill state. tarsus brown Lingth 164 wing 80 tail 58 d'as Stomach Contents werte 1714. Spiza americana. a Welmon Haskell march south of Jamence, Kansas, vie dant brom. base of gongs pale pink. rest of bill pale state. tursus brown. Fingth 152 wing 70 tail 48. 87 ad stornach withits unsieto. 1715. Sping americana. a. Wetning. Hastell march South of Faurence, Komsas, vis dark brown maxella and tip of manality dark wood brown rest of bill pale state larsus brown Jung the 170 wing 83 tail 60 dad stormach contents insects. 1716. Apiza americana, a. WEtimon. Haskell march south of Faurence, Kansas. iris dark brown. mandeble and mobillar tomia slate. rest of maxilla blackish brown. Larsus brown. Jength 165 wing 80 tail 56 Bad stomach continte insuto

Left 1 1 to Buton

1717. Aprila americana. Q. WEthing Haskill march south of Lawrence, Kensas, iris dant brown maxillar toma pale slut. rest of maxilla blacket brown tarsus drown Jength 160 wing 78tail 52 Jad stomuch contents insects. 1718. Apiza americana, a. WEtonon. Hashill march south of favorer, Kansas, inis chark brown. base of gongs pale puix. culmen and, tip of mandible flect. rest of bill light state tarsus brown. Tength 165 wing 83 tail 57 & of stomach Continto insects. 1714. Merula megratoria. G. W. Thor. Log Farm south of Janvence, Kansas, in Sheeblack. Gelf twood brom- gape yellow. Tarsus isabelis from. Jength 211 wing 111 tail 69. O yg stornech Continte insicts. 1720. Ostragalines tristis vis dank brown. Up. of maxilla dusky rest of bill orange bown . tersus brown. Jung the 128 wing 7/ tail 45 Sad stomach Contanto seeds. 1721. Iroglodytes acolon aztecus. a. Withing. Dog farm south of Lawrence, Kansas, vis brown. maxilla black tip of mandibly wood brown. rest pale brown laising brown, Length 129 wing 54 tail 41 Sad stornach contents insucto. 1722. Vireo belli. a. Wetnon. Dog farm south of Laurence, Kansas, vio brown- madella Fronto from mandible very sale brown, tornia lined with darker tursus blacks slate. Tength 129 wing 54 tail 46. Fad Stomach winhuls insect. 1723. Viveo belli a. Wetmon. Hedge south of Sepia brown- manshible pak pontish brown. tomia lined with slate. larsus dark slate. lingth 122 wing 56 tail 458 and stomach Continto ensicto 1724. Vireo belli. A. W.E. timor. Hedge south of Janvence, Kansas, iris dark barren. maxilla dark

116

Sepia brown. mandible hom. tarous darkolah. Length 123 wing 54 tail 41 Dad. stornwech combrets insects. 1725. Empodonex traillie alnorme. C.D. Bruster Dog Farm south of Lawrence, Kansas, iris dark brown. maxilla black brown, mandible vingdark brange brown. tarsus black. Tength 131 wing. 58 tail 45 Pad stomach contents incerts. June 3, Iresday.

My Brillest american (foldfinch Blues an Chicaglie Red billied Utrompreter Harry 11 on Specier Juffel Istimouse J. acker Cardinal Clubial. Rollin Prouse Homes fark Red shafted Flicker Acreech Coul White crowned & parrow Tel winger Blackbird Meadowlark Bronzed, gracle, While throughfurrow your ered an Cool Mourning Love Wilson Dripe Western Horse Wien billed frebe ough winged! Swallow Myrthe Warble Pross hoppind parrow. Vellow Warbler Grown Thrasher Stood Huel Shiegray anglesteher Prey the Red Thrush

Cerulean Warbler Summer Jenager Reitstest Spotted Sundfucker Lesser Yellow days Least I by althy Gell Vireo Flyca Chu Jolitary Sandpiper Wood Perm Jellow bother Ouckor Prolling Smorting Washer Carkanoas Krighing Timed Waler-Thruch Short belly March breen Black Poll 11 roller Mickeissef Overwill Hudsoman Godent. Rest-tailed Humblet Blackand Whyte Warbly It hate - rumped Minks in ple Martin Jamipalinated Sindpaper Cerolar Chapming

Neud 1. CB Embra

1726. Chaetula pelagica, g. Wehrare, Washington Creek Southwest of Famence, Kansas, vie brown bill black tarons dark slate. Lingty 133 wing 134 tail 42. Qad Storrach Contents insecto 1727- Empordonax acadoicus a. Wetuwa Washington Cruel southwest of Januare, Kansas, iris brown maxilla dark brown and Shoth hom. tarons black Lungth 155 wing/6 tail 62 Oad stomach contente insecte 1728. Niveo bellie . a. Watmore . Washington Crut, southwal of Laurence, Kemsas, vis brown maxilla wood hours. ma-dible very pale hour lined with Marti, Larsus Slate, Lungth 127 wing 58 tail 47 Sad Stomach continto ingerto 1729. Setophaga mutuala, H. E. Fowler. Washington Out southwist of Juvence, Kansas, iris brown bill black. tarsus black Tength 13/ming 62 tail 53 dad stomach controls insects. 1730 - Setophaga rutuilla. H.C. Fowler. Washington by black tarons black Ingth 134 wing 65 tail 56 Bad Stomach contents unseets 1731. ly anospiga anesiena. a. WEther one, Washington, Creek, southwist of January, Kansas, vis dark brown. maxillat goings thrownish black rest of bill slate. tarsus dusky Jungth 140 wing 65 tail 47 fad a tomach Continto insects 1732. Sporomie Journosa. a WElmon. Washington Cut southwest of Laurence, Kameras, iris brown pale of Jorgs John hom rest of bill very clock brown. Tardes flash color. Tingth 135 wing 62 tail 46 quel stornach continte 1733. Oporomis formosa. a. WElmore. Washington Creek withwest of January, Konsas, vis brown base of man-dith pat hom rest of bill dull black tarsus flish color-Angth 137 wing 6 Stail 20 Sand Stomach contints wir 1734. Operornis formosa. a Wahnow. Washington Cruk, southwest of Jamence, Kansas, vis dan't brown. base of mandible pale hory rest ofosbill brownsh black larses

1 at the P. P. Tanking

Section 11/108

Slesh who Lungter 145 ming 72 Tail 5/ Fad shomach Jontin & meete 1736 Polioptila Caerulea H. E. Fowhr. Washington bill black larsus staty black- In- gla 124 wing 54tail 52 Dad stomach contints much 1736. Polioptila caerulea. a. WEthnow Washington Creek, so therest of Laurence, Kancas, inis drank hom base of mandeble pak buff rest of bell black tarsus blackish slate , Imogth 120 wing 52 tail H8 Fad Momach contents insects 1787. Poloptila caerulea. a WE truore. Washington bill black tarsus slaty black Fength 118 wing 54 tail 48 Bad Stomach contents weste 1738. Mmotilla varia. a levalmore Washington Creek southwest of Jamence, Kansas, inis dark brown. base of mandebly hom-rest of bill black. Tarsus blue black. Fingth 128 wing 69 tail 46 Dod stomach contents moute 1739. gooth Oporomis Journosa. a. Wetmon. Washington Creek-Louthwest of Lawrence, Kousas, vis dark brown. box of mandeby pak buff rest of bill black larver Lich Colors. Lingth / Henring 69 tail 20 Bad stonach content 1740. Tamvires flavifrons. a. WEtwor. Ukshington creek. so. thivist of faurence, Kansas, nie brown. asal half of mandible state rest of bill dull black. tarons blinch slate - Jungth 135 wing 73 tail 50 & ad Stomach Contents rusects 1741. Jan vireo flavifsons. J. Wetwow, Wishington Crut Southwest of Faurence, Kansas, vie dark brown. basel half of mandoth slat reif of bill duly black. Tarens blinch slate . Lungth 144 wing 76 tail 3 3 3 and stomach contents mosets 1742. Helminthophila pinns. A. E. Towler Machington. And southwest of Lowrence, Kansas, iris brown. goings hom rest of bill black. Carsus shooty brown. Leight 130 wing 64 tail 48 Das Stomach Contents mose. "

1743. Vversylva olivacia. a. Wahnvie Washington Creek southwest of Jansence, Kansas, inis chell red maple isabella who base of manchby pale buff. rest slate. tarsus slate - Lungter 145 wing 78 tail 2 4 and stomach contents much 1744. Vireosylva olivacea. a. Watmon. Washington Creek, Southwest of Janvence, Kansas, vio dell red. maxilla wood brown. Vase of mancheth pale buff. best slate tarons slute - Lught 143 ung 8/ tal 57 God Stomach Contents insects 1745. V veosylva olivacea. a. Wetwoe. Washington Trul southwest of Jamena, Kansas, ine dull red. mapilla very dark brown base of mandely from. rest chill slate. Tarsus dort slale. Jung to 158 wing 80 tail 37 od stomach contents mere to 1746. Vireosylva olivacea. a. Wetning Washington Creek, southwist of Jamenes, Kansas, iris dull red. maxilla very dark wood boun base of madely dull buff rest state larses state thing 15 tail 31. Lad stomach contete meete 1747. Spizella pusilla. Q. Wetmon Washington Creek. Southwest of Lawrence, Kanssas, vie brown. bell Pale cumamon. tarses same. Length 146 ungles toil 64, Fad Stomach contents - insects 1748. Spizella pusilla. a- Wehner Washington Crut Southwest of Farmence, Kansas, vins brown - lansus and bill pale cumamon. Lungth 142 wring lettait 59 Fad Stomach contents insects. 1749. Cyanospina Cyanea- H. E. Fowler. Washington Crut Southwest of Laurence, Kansas, vis brown maxilla and going black rist of bill slate tarsus black. Jength 136 wing 38 tail 5/ Badstomach contests much 1750. Parus bicolor. H.E. Fowler . Washington Creek Southwest of Laurence, Kansas, inis brown bill black. taronoblinan slate. Jung the 152 wing 74 lail 64 Fred Atomach Contents unseels 1751. Activia viviens . a. Wetwow. Washington But Southwest of Favrinces Kansas, inis brown. bill black. tarons dus Ky. Jeny th 181 wing 74 tail 1/ odston con insiste

1752. deteria mus, a. Wehnon-Washington Creek, southwest of Laurence, Kansas, inis brown bill black tarsus clusky Ingthe 184 ung 74tal 70 and stomach contents meets 1753. deteria virens. a. Wetmon-Washington Crul southwest of Janvence, Kanas, vie brown. Will black. larsus blackish state. Jungth 178 ming 78 (ail 73. Dad atomach contents insute 1754. Spiza americana, a We tuve washington Creek southwest of Jamence, Kansas, vie brown. brown - Jungth 167 hong 80 tail 55 Bad Stomach Contents insects 1755. Spiza americana; a Wetimon. Walarusa bottoms, southwest of Faurence, Kansas, iris brown. Culmen dusty base of culmen chill buff rest of till elate. Larsus dull brown. Lingth 16/mg. 78 tail 53, God stomach contents cleds 1756. Apiza americana, A. WEtimon - Wakarusa bottoms southwest of Farrence, Kansas, iris brown Culmen + top of mandeby wood brown rest of bill slay, larsus dull brown. Jung the 16/ wing 78 tail 36 Dad stomach contents insucta 1757. Spiza americana De-Welmon. Wakerusa bottoms southwest of samue, Ransas, in brown. tarsus dull brown Jungth 162 wing IV tail 55 dad Stomach continte seeds 1758. Passer domesticus, Welletinous- Wakarusa bottoms somthwest of Lawrence, Kanaas, inig brown. brown. Larsus brown. Lingth 158 brig 75 tail 379 Fad Storach contente insects 1759. Otocoris alpestris praticola : 4. Waternou. washington Creek southwest of Lamme, Kan. is brown maxilla and tip of marchible Mack. rest of bull slaty white largers - Jung 14/80 wing / Ole work 7 3 O and stomach contents

1760. Myarchus crimitis. a. Wilmon. Washington Creek southwest of Janvence, Kansas, inis brown bill dark brown! tarsus same. Jungth 207 ming 102 tail 89 Oad a tomach contents musicke 1761. Aniraca Caerulea. a. Wahinon. Washington Creek - Southwest of Lawrence Kan inio rome. marilla black mandible slate basis dusty. Jung th 1.78 wing 94 tail 71 God Stomach whater 1762- James holoricianus exautroriales, A.E. Fowler, Wakarusa bottoms southwest of James Kansas, inis brown bill black larsus blackish brown -Length 219 wing 95 taif 91 fad stomach contents 1763. Lames ludoriciones excubilonely. H. E. Fowler Wakarusa bottoms southwest of danrence, Kansas brown-bill black. tarsue black. Tingth 226 wing 48 tail 47 oad stomach contents insuts. 1764. Coccyzus americano, Q-WEtwore Walance voltoma southwest of Jawwe, Kancas, inis brown. marilla and tip of mandely black rest of mandeble yellow. tarsus slate - length 301 ming 144 tail 146 Bad stomach contacts. usuls 1765. Colinis virginiamo, A. Wahine Watering bottoms southwest of Faurence, Kanaca, wie brown bill black. Carsus pale brown. Jength 247 wing 110tail 57 Bad Stomach conlents mounts 1766. Cowers brachyrhyncos. a. Watmore, Washing-In Crul son throst of Lawrence, Kansar, ines dell State ramit top of bill hom rest of bill dusky larsus dull black- Lingth 367 wing 217 tail 1089 gg Alomach contents young birds and ann. 1767. Megascops asio. Q. WElmore. Washington Creek Southwest of Lawrence, Kansas, iris yellow- along chill greenish yellow, unside of toes durly white - Pad Atomach continte butter . Lugty 228 wing 160tail 75 This morning Harry Fowler my room, mate we started at Sive a. M. and got backat 3:30 P.M.

It was work when we started and the sky was vorkast all day so that it was not very hot. all the true were out in full leaf us was to be expected which wild roses and primioses were in blosson. In certain Cocalities the ground was fairly covered with wild strawberries.

Dictaisels were very abundant all through the watarusa bottoms, They were more anotherable in the heat of the day than when it was cool whe makes were singing from the worted purches everywhere. The fernales were not seen at all and of think Kept down in the grass. The song was different from that I wiscomin specimens being simply wick dick lah sak sah repeated endlessly. The birds in think reminded me of the English Sparrow almost exactly.

One yellow billed Cuckoo was taken of the come out into the sum on the dead limb of the true and sat there quietly which we drown by. I have noted them doing this repeatedly in the early morning. Several others were heard calling. They seem to frequent the hedges.

Chato were especially mimerous. Their whistles and calls whood through the brushy woods continually. In one field covered with bushes they was especially numerous. Three were taken here easily. I witnessed the gover sky dance here twin when the burd howered grotesquely in the air and song. Sometimes in flight the tail was pumped up and down with such violence as to affect the whole books. When I approached our in the bushes it usually went to me ar the ground where it was smore casily concealed. In the woods were also sumbers of turks warblers. When I approached the makes

would fly around me, usually Kuking will and kept mong the tail up and down constantly like a water. Thrush. Um finale was tatus and athirt this was the only one Dun. They inhabited the thick brush along the edges of the draws. The Blingray anoteatchers were also found here in the vol woods on the hills. They called continually but I do not think I heard one song. When sun they were usually hunting through the tops of the true nervolesty. Sometimes they sat still and called however and then would not be found. They acted exactly like the specimene observed at Jake Kochkonong Wis, in June 1904, On one large elen true, but the house of got Ino yellow-throated Wieos one in the Jorenous and one in the afternoon. Both were scololing a Seruch Dew with their characteristic with which I had not heard for a long time. This Spicies is rore here and there are nothe in the State Museum excepting two taken at Newshotale dalso shot a male Blue grosbrathere at sat in the dead top of an apple trusinging and let me get within good range. This bird, is rare here this far month but for their west is Rommon I water took the She waged Warbler and I did not su it, at all alin. The Field Sparrow appeared to be very Injours and were undoubtedly nesting. On not was found on the ground. It was entirely uncorrelativing truly sucho to a words. Jane 4, Monday. 1768. Leterus gulbula. a. Welmon. Kaw River north of Laurene, Kansas, vis trong. Culmin dusty. rest Stormach contints on 1769. Pipilo engthwehthalmes O. Withou Kaw River worth

A Jamence, Komsas, vie rieddish brown. bill black. takens brown- Lingth 205 wing 87 tail 91 Jad stomach 1770. Galevscoptis, carolinensis, A. Wetmore. Kaw River north of Lawrence, Kansas, vis brown bill lisch. tarsus brown. Tingthe 20 3 wing 8 Hail 84 Pad Stomach Contests 1771. Passer domestions. a. Wetmon. Kaw River north of Tamence, Kansas, vie brown. maxilla wood brown. Mandible pale brown. Zape yellow. larses brown. Lingth 150 wing 75 tail 49 fim I tomach Contents seeds. 1772. yanospiza cyania. a. Waturon. Kan River north of Lawrence, Komsas, his trom maxella and grups act. Jung the 132 wing let tail 50 Bad Stomach Contents insich & 1773. Cyanospija Cyana . A. Wetmon - Kan Rim north of James, Kansas, ino brown maxilla and gongs black sist of till state tarsus black- Ingthe 134 wing total 50 Bad Stomach contente unsucte 1774. Cyanspizo Cyanea. a. Walmore. Kour Rim north of Jawrence, Kansas, vis brown. maxilla and gongs black rest of bill slate tarons black Ingth 137 wing 68 tail 52 Bad stomach Contents insects 1775. Cyanospiza Cyanea. Q. Watmor Kom River north of Lawrence, Kansas, vis vorm. mapella + gongs brownish black rest of bill hom. tarsus dusky. Jengty 128 wing 63 tail 48 Food Stomach contents unsects 1776. ontopus viens, a. Wetmon- Kaw River nathof Lawrence, Jansas, vis dank brown maxilla Hack top of mandeble dull from , base dull orange with a line each sides of Jonys brown tarsus bleek- bright 163 1777. Empidonax Deadhrus . a. Watmar- Kaw River north of Janvence, Fansas, iris dark brown. mayella and top of marshill very clark hour rest of bill how with a brown line each sich of groupe tersus black. Length 182 wing Total sto Food stonach antite week 1778. Troglodytes adonastions. a Wetmore. Kaw River north of Temme, Kaneas, inis brown. maxilla black

Lungter 1/18 wing 50 tail 39 stomach contents 1779. Troglodytes acidon aztecus - Q. Waterne. Kan River North of Lawrence, Kansas, vis brown, maxilla black. base of marchible pak put rest allate larsus dull brown Lingth 121 wing 50 tail 40 Food strack Continto insects 1780. Trogbodytes adom azticus. a. Watering Kan River north of Laurence Kansas, inis brown. Maxilla black. base of mandible pale dull buff. rest par State. tarsus Journ. Lungth 120 wing 50 tail 44 Pad Stomach contents insects 1781. Nico belli - a. Watmon. Kow River morth of Favence, Kansas, inis brown base of mandible pale Juff. rest of bill isabilla brown. tarsus darkslate. & Jungth 120 ling Stetail 42 Bad stomach contents 1782. Vino belli. Q. Wetney- Kaw Ring north of Taurence, Kansas, vis brown. mapilla wabilla brown. mardible paledul slate. marked across center of grays with pale buff. tarsus dark Sate Tungth 120 dring 58 tail 45 Bad stomach comberts more te 1783 Vineo belli Q. WElmon. Kan Kun noth of Jamence, Kansas, inis brown. tip of maxilla esebella brown base of Anaxilla and marchible pale buff. runt of bill slate. Lansus Nerk slate- Length 11 Thing 38 tail 44 God Stomach Content much Anne 5, Sueschay. 1786. Cyanospiga Cyanea. A.E. Fowler, Kaw King. and goings black. rest of bill slate, tarsus dark brown. Longth 133 wing 68 tail 49 Gad stormech Contents moich 1787. Cyanospiza cyana - H. E. Fowler, Kaw Kun north of Fawrina, Kansas, vie brown. mæxilla and gruge black not of bill state torsus blacksh brown Jength 132 wing 6/ tail 48 Sad stomach contents, 2 1788. Frankochyte acolon agtions. H.E. towher, Kan River north of Laurence, Kansas, vine brown. maxilla veri

Loud to Blankon

Clark brown. tel of manchible paler. rest of marchible pale or angle buff. larsus brown. Jungth 1/9 ming 49 tuil 57 d'ad stomach contrets, musecte 1789 Spiza americana. N. E. Fowler, Haw River worth brown-rest of bill state tarsus dark brown- Lungth 160 wing 82 tail 38 Fad stomach contents insicte 1790 Tyramo tyrame H. E. Fowler, Kaw Run north of Laurence, Kansas wis dark brown. bit black tassus black. Lingth 208 wing 111 tail 82 Gad Stomach Contents insucts 1791. agelaine phoeniceus. H. E. Fowler, Kan Rim north of Famuel, Kansas, inis brown. maxilla and tip of monder black rust dull slate tarens black. Tingth 205 wing 108 tail 79 fact stomach with 1792. Syrramus tyrrams. H. E. Fowler. Kan Rinz North of January, Kan, wis dark brown. will black tarons black. Ingth 205 ming 118 tail 82 Fad storach contents insuls 1793. Lacko Cardwalio Cardonalis. H.E. Forder Kaw Divor north of Lammer, Kem. ins brown. bell tail 106 Jud stomach workents, mounts 1794. Dryobates villoens. H. E. Fowler. Kaw Rinn north of Farmer, Kansas, vis brown. Mall dull blacksh state - larone dant of ate. Ingth 215 ming 117 tail 13 Gad Stomach Loutink insets. June 76, Thursday. J. a. adams, Bahia Blanca, Brazil, Oct 26, 1903 & Lingth 63/4. original no. 1. 1796. Sturnella militario. S. G. adans. Bahia Blamea Brazil, Uct. 26, 1903. & Length Tinches. Catinin meadow. original no 2 S. G. adams. Bahia Blanca, Brazil. Oct. 26, 1903. F Length 51/2 taken on upland original no. 3. 1798. Sturnella militario, S. Q. adamo. Bakia Blanca

Brazil . Oct. 26, 1903 B. Length 8/2. lather in meadow. Original no. 4. Bahia Blanca Brazil. Oct. 26, 1903, & Lingth 8 talm in meadow original gro. 6. 9. adams. Bahia Blanca, Brazil. Oct. 28, 1903 & Lingth 33/4 taken on Sandy hillside, original no. 7. 1801. Sturnella militario. S. G. adams. Bahia Blanca, Brazil Sect. 29, 1903. F Lungth 8 talen in meadow Uriginal no. 8. 1802. Volatina Jacarini jacarini S. G. adamse. Jalin at Sea. Lat. 20 South off coast of Brazil October 1903. O. Lungth 41/4 alighted on ship. board. Jameshed, very active original no. 20. 1803. Pyrocephalous rubineus. S. a. adams. Bahia Blanca, Brazil Estancia H.W. Nov. 16, 1903 & Length 5 3/4. taken in true along arrayo. original no. 31 S. G. adams Bahra Blanca, Brazil. October 31, 1903. 4. Lingte. 5. talin by arroyo. original 10.10 Bahaa Blanca, Brazil Hov. 4, 1903 8. Lingth 47/8. bill light yellow. taken on upland near trus with no. 18 (Q. W. no. 1806) original no. 17. S. G. adams. 1806. Bahra Blanca, Brazil, Nov. 4, 1903. 9 Jung th 47/8 original no. 18 S. a. adams Bahia Blanca, Brazil, Dec. 10, 1903, & Lungth 23/8. iris dank brown, nest of warse sticks in a deserted oven (Furnarius?), briginal, w. 41. 1808. Pitangus derbianne. S. a. adams. Bahia Blanca. Brazil. # Nov. 19,1903, 4. vris dark brown. Tength 93/4 original Nov. 37. 1809 Killit aite, Palaigonia. Lat. 52 S. original no. 248.

1810. asiv acapitimo. S. a. adams. Bahia Blanca, Brazil. Nov. 12, 1903, Tingth 16. 4 iris gellow. talin in pasture, original no. 30 1811. Milvolus tyrnams, S. Q. adams. Bahia Blanca, Brazil Nov. 10, 1903. 8. Lingth 147/8 vis brown. Spanish name quientas. Original mo. 27. S. Q. adams 1812. Bahia Blanca, Brazil. Dec. 10, 1903. B. Lingth 15 iris reddish brown eyclick same sides of head yellowish, original no. 43. 1813 Sperty Cumularia S. a. adams Bation Blanca, Brazil. Nov. 5, 1903 D. Jength 81/2. Taken on Millsrick original no. 19. 1814. Bahia Blanca, Brazil, Nov. 12, 1903. 6, Jungth 131/a legs redolich black. feet darker. bill black with black tip spur red, point darker. taken pasture. Name Tero. tero. organial no. 29. 1815.
Bahia Blanca, Brazil. Nov. 9, 1903 7. takin pastur. original no. 25. S. 4. Wolams Bahia. Blanca, Brazil. Nov. 18, 1903. Tength 83/ 1817. S. G. adams. Bahia Blanca, Brazil Mov. 6, 1903. & Lugth 7/2 taken in pasture original no. 21. 1818. Bahia Blanca, Brazil. Nov. 6, 1903. 3. Lingth 5 3/4 talin in pasture original no 23. 1819. Prygocheliolon palagonica. S. A. adams Act Bahia Blanca, Parazil. Lect 31, 1903. 7 Jength 47/8 talen in Rasture on slope. Nest washed out hole 5 feet chep one egg secured oug mel nv. 12. 1820. Pyrocephalous rubineus. X. 4. Kolans. Bahra Blanca, Brazil. Dec. 10, 1963. B. Lingth 5 24. iris dark

S. a. adams. Bahia Blanca Brazil. Nov. 17, 1903. 7 vis brown Length 6/2 original no 33. S. a. adams. Bahia Blanca, Brazil. Nov. 9, 1903 & Lingth 5 1/2 original no 26. S. A. adams Bahia Blanca Brazil det-31, 1903. & Lugth 618 talm by gardins, original no 13 1824. Sturnella militario. S. a. adams. Bahia Blanca, Brazil. Nov. 6, 1903. & Longth 7/2 later in pasture. briginal no. 22. & Q. adame Bahra Blanca. Brazil. Nov. 18,1903. 3. hugth 7/8 iris brown. bill dark above. reddish yellow at base bighter at tip of maxilla leg shot off. original no. 3 5. 1826. Minnes Balica Blanca, Brazil. Nov. 10, 1903. & Lugte 9 % vis light brown. fut and legs Hack billsame. Bahia Blanca, Brazil. Nov. 18, 1903 9. Ingty 5 vis dark brown. original No. 34. Bahia Blanca, Brazil. Nov. 6, 1903. F. Length 4/14 talin in pasting. original no. 24. Bahia Blanca, Nov. 16. 1903. & Gur. Lingth le in tris pale yellow. lide same. bill yellowish at base darker at lip. see 1823 (13). original no 32. 1830. Bahia Blanca, Brazil. Act. 31,1903. 8. Lungth 6. taken on hillsich original no. 9. Bahia Blanca, Brazil, Hov. 4, 1903. 4 A adams taken in upland. nest + 3 eggs taken - incubated. original no 16.

Bahia Blanca, Brazil, Oct. 31, 1903. 9. Lingth to talm on hillsich original no. 11.

1833. S. a. adams
Bahia Blanca, Brazil. Nov. 19, 1903. Lingth 5 jiw. J. feet and legs slate. iris brown. Spanish name Martinette. original no. 39.

1834. Sturnella militario. L. a. adams.
Bahia Blanca, Brazil. Nov. 2, 1903. B. Lingth 7718 talm in meadow. original no. 14.

1835. S. a. adams.
Bahia Blanca, Brazil. Lec. 10, 1903. Lingth 16.

9. irio dark brown. original no. 42.

June 8, Friday. 1836. Centuro, carolina. C. D. Burler, Woshington Creek southwest of Laurence, Kameas, vis reddish boun. bill black tarsus ghall drab. Length 246 wing 130 tail 74. D'ed stomach untite meete 1837. Coccyzne americanus, C. D. Bunker, Washington Crul southwest of Jaurence, Kansas, vis dark bisim maxillar toma and mandible yellow rest of bill black. tarque plumbeons. Ingth 235 wing 138tail 136 Dad stomach contents insects 1838. Coccyzna americania. Q. WEthing. Washington Cred southwest of Jamence, Kansas, vie brown. maxillar toma + mandible yellow. tip of mandible + rist of maxilla black. tarsus plumber is singth 290 wing 142 tail 141 Bad Stomach Contents mereta 1839 Cyanocitta cristata. Q: O. Binker Washington Crul southwest of Laurence, Kansas, vis brown. bill black. tarsus black. Lingth 275 having 130tail 1.25 Gad Stomach contente insects. 1840. Myrarchus crimitus. C. D. Bunker. Washington Creek southurst of Laurence, Kansas ins brown. Wase of mandith non- rest of bill blackish from. terens Hackish state. Ingth 208 wind 94 tail 85 Pad ston con inseets

1841. Myrarelus crimitus. a. Waterioe, Washington Creek southwist of Jamence, Kansas, iris dark brown bill blackish brown. Tarous blackish brown. Jength 207 Turns 94 tail 82 & ad Stomach confente insiste 1842: Myrarchus crimtus. C.D. Bunker, Washington Creek, southwest of Janvence, Kansas, iris clark hom. bill very thank brown. larsen blackish slate. Tength 220 wing 100 tail 89 Bad stomach contents meich 1843. Piranga ruba- C. W. Bunker. Washington Creek southwest of Janvener, Kansas, vie brown. Will dull greenish olive. tarsus slaty brown Jungth 178 king 88 tail 69 Bad Stomach contents insula 1844. Dryobatis pubocus mediano. C. D. Benter Washington Crut southwest of Jaurena, Kansas iris bluish slate. maxilla and tip of mundible dustry line on goings same rist of mandeble dull white. Tarsus pale plumbeous. Jength 159 wing 88 tail 51 Jegg stomach contents macks 1845. Drybatis pubiscus medianis. C. W. Builor Washington Creek conthurst of Javrence, Kansas, iris dark brown. bill dul black. tarsus drat slate. Imgth, 162 wing 96 tail 55 fad stomach Contenta insects 1846. Spiza americana. a. Welmon-Washington Creek somthwest of James, Kasas, vis, brown. Culinen dark brown. rest of bill stay. targus brown. Jung 11. 162 wing 80 tail 34 Bad stomach contents misils 1747. Vireveylva olivacea. a. WEtmore. Washington Creek southwest of Jaurene, Kansas, inis red. mafilla black base of gongs pale brown rest of mandible slate tarens black slate Jungth 143 wing 8/ tail 53 fad stomach contents - section 1848. Vireosylva blivacia. C.D. Bunker Washington Creek southwest of Lawrence, Kansas, vie red. maxilla black. base of grups dul sink rest of mandible state. larsers. blackish slate. Tength 155 wing 80 tail 53 Buch stomach controls

1849. Oversylva ohvacea. C.D. Buker. Washington Creek southwest of Jamence, Kansas, iris red. mapella black - we dible how lined on side with slate. tarsus blackish slate. Jungth 152 wing 74 tail 53 gad Stomach contents much 1850. Vireosylva olivarea. C. W. Binter. Washington Cruk southwest of Janvance, Komsas, vis red. maxilla hair brown. base of mandeble pak hom. restolate. tarous blacksh brown - Tength 150 wing 74 tail 50 gad Stomach contents mouts. 1851. Viredylva olivacea. C. D. Bunker. Washington Creek southwed of Januare, Kansas, vice red. maxilla very dark brown. base of mandible hom. rest of mar debt state. targue dark clate. Jung the 152 wing 79 tail 52 4 ad stonach Contacte 1852. Niversylva olivacia. C. D. Bunker. Washington Crul southwest of Jamese, Kansas, vis red. maple very dark brown base of goings hom. Lest of bill Slate . tarsus dark slat. Tengty 148 wing 80tail 51 Fad stomach continte insects 1853. Cejanospija symea. a. Wetmou, Weshington Creek sonthwest of Jamena, Kansas, vie brown. maxilla a d goings black. rist of mandible state. tarsus dusky. Length 129 wing 67 lail 50 stomach contents insuits 1854. Cyanospija cyanea. C. D. Buker: Washington Cruk southwist of Janvence, Kansas, iris dark brown. maxalla and goings black rist of mandible Alack. Tarsus black. Tength 133 wing 68 tail 53 Cad Stomach contente musiets. 1853. Cyanospiza Cyanea. C. D. Bunker. Washington Cruk Southwest of Laurence, Kansas, vie dark brown maxilla and gonys black, rest of mandelle slate. tarsus dark brown. Jungth 134 wing 66 tail 50 0 2 tomach contents unaste 1856. Cyanospiza cyanea. C. D. Bunker. Washington Crul southwest of Laurence, Konsas, ine dark brown maxella and goings black rest of mandell state

Carsus blacksh brown. Length 132 wing 66 tail 51 I ad stomach conterte muchs 1857. Cyanospina y anea. C. D. Bruker. Washington Crux sorthwist of Laurence, Kamaas iris brown. maxilla and goings blushish brown. masal Jossac paler. rest of mandeble pale slate. tarsus pale slate. Jungth 138 wing 65 tail 51 & ad Stomach contents insuts 1858. Cy anospina eyanea. C. D. Bunker, Washington Crul southwist of Faurence, Kamaas, vie brown. maxilla and gongs blackish boom. rest of mandethe state larsus dark brown. Lingt4130 wing 65 tail 48 Food stomach contents moute 1859. aporomis formosa. C. D. Frunter. Washington Creek Southwest of Janvence, Kansas, via dant orom. base of goings pale brown rest of bill black tarsus very pale brown Jength 139 ming 72 tail 52 3 ad Stoneach Contente much 1860. aporomis formosa. C. O. Bunker. Washington Creek southwest of Jamena, Kancas, vie dank brown base of goings pale brown rest of bill blacket brown. Janges. very pale from. Length 125 wing 4 tail 45 Pad stomach contents insects 1861. Spizella pusilla. C. W. Burker- Washington Creek southwest of Jamence, Kansas, wie brown bill + tarsus pale simon on length 144 ming 66 tail 65 Jud Stomach contents inserts 1862 Spizella pusilla . a. WEtuva Washington Creek southwest of Janvence, Kansas, vie brown. bill t tureus pale Tuman on Jength 147 Wing 67 tail 63 Bad Alomach Contents musects 4. WEtrange Washington 1863. Geothlypis trickas Creek southwest of Jamence, Kansas, in brown bill black. tursus flish color. Ling to 126 wing 5/tail 45 & ad Stompeh contente insects 1864. Selophaga ruticilla. C. D. Bunker Washington Creek Southwest of Lawrence, Kansas, vie trong. bill blackiel fromm. Tarsus same. Tength 126 wing 62 tail 30 for Homach Confuntion - months

1865. Vireo noveboracensis. a, Wetmore. Washington Creek southwest of Lowrence, Kansas, vie white bill black. tarsus dankelati. Length 125 wing 60 tail 48 Ded 1866. Vives noveboracensis- Q. WEtmore. Wash. ylon Creek conthevel of Lawrence, Kansas, via white bill black larens dock alak. Tength 132 wing 65tail 61 Sad stomach Contents insects 1867. Empedonax acadiens. C.D Bunker. Washington Creek sor thurst of January, Kansas, vie brown, maxilla very dark brown - ma-dibli hom torsus block Jength 142 wing 74 tail 56 dad stomach contents insects 1868. Polis ptila Caeralia. C. D. Bunker. Washington Cred Southwest of Lawrence, Kansas, iris brown base of goings hom rest of bill and tarsus black. Lingth 116 long 55 tail 31 Gad stomach Conlite. unsects. March 9, 1904 Killik Oute Catagonia, # Jength 22 in vis black. bill, fat - lege black, edge of out low & outside of leg range claws black &. a. adu.

1870. Chacture pelague. D. WElming. Veroligies
River. Andependence Kaneas, irio brown bill
black. Laraus child him brown Lungth 133 wing
125 tous 42 Bad & komoneth Contacts to
livers of chaclefor where, Kensons from
fine 12 to can a 9 but was too busy to to
teny collecting or even to set and the
twoods Moetingbirds tremed more common
the minimum than last and shoral
were seen in the lower they sang
continually from clevated perches? The
Catterds to an alevated perches? The
Catterds to an alevated perches? The
Catterds to an alevated perches? The
cast summer for the look the summe
grasshoppe like song as before. Constinate
where more running and were

North Freedom Urs. august 16, Seeling Marsh North Freidom, Wis ins brown dape toase of going dull briffy yellow rest of bill dull whair brown tarous is abilla. Jerry 17 145 wing 64 tail 58 Bim stomach Contents, much 1872. Granga e esthromelas. a. Watmore, Seekys March, flothe Freedom, Wis iris from bull Greenich yture torsus dull your. Tength 184 wing 101 tail 68 Bad Rhomach Contents Imogels 1873. Cyur ost ja. Cyanea a WEtmore Fullmers pasture, North Freedom, Wa vis dark brown mudella and top of man yours brade rest of pak Slate. tarous black. Length 14/10 ing 69tail 52 . 3001 stomach contents insuls 874. hastura pelayera de Wetmon Julimero posture North Freedom, Wid inis clark brown , bill Facky larsus dull reddish brown. Tength 130 wing 138 tail 40 Fin. Stomach contents usucks 1875. Confridonax minimo, a. WEthione. Seeleys point. North Freedom, Wis vis brown. moxilla black tip of mandible home rest dull buff. tarsus flack. Length 125 wing 58 tail 50 fim. Stormach Continta usuele 1876 Dayonis Phorbs. A. Wateron Sulya Point both freedom Wis inis brown bill black tarsus black. Tength 170 wing 79 tail 70 Fin. Stomach Contents. much 1877. Dolie home & ouz wours. U. Wetmon. Seeleys march North Freedom, Wis vis brown tip of maxilla black rest brown mandette fall buffy white tarsus brown Length 164 wing 84
tail 122 in stomach contents seeds
1878. Dolichonge orizinous. A. Webmon Lecleys Marsh, North freedom, Wis, vies I wown. top of full black rest of maxilla from mandelle pale buffy white tarsus brown. Fingth 179 wing 96 tail 65 Jam stomach contents seed

1874. Melospina unerea meloclia. a Wilmore. Leelys Marsh, North Freedom, Wie iris brown. Mayalla brownsh black base of mandelle pale buff rist wing 60 tail le 0 gim stomach contents This morning down down along the rover at was warm but not oppres. swely so and there was a slight dew. Boboluka were flying ceround some calling put put and presionally a Scolding Trote - Ola Seelings Marsh of Journal fifteen or twenty gathered in a little company in the rank grass When of passed they come up onto the tops of the weeds and in, a file of bull wheat. Shooting as they only went back into the murch where I could not get at them they have fust acquired the fall dress. Song Sparrours were, common and I was a pleasure to hear their Souga again. They were in lettle family groups, scattered around and always fleet into to take rufuge in the bushes. Heard up two Cooper Howks but did not get a shot. They sat in the dead tops of the true and flow Screaning and calling across the lower to new perches where they sat scolding me. of was rather surprised to find them in Buch open places. Got one Searle Lanager Mot was in the process of molt patches of grun showed on the pulsing back and rump while the breast and throat were also changing I by rung failing had great tour with Y .

august 17 Friday. Moon Woods, North freedom, Uro, iris brown. Mandella blackish from tip of mangable dull brown sest Aul bry tarsus slate. Tength 142 wing T3 toil 60 Gad Storrach contents - grun worm 1881. Compido cax traillie alnown. a. Us truge Samarack Swamp North treedom, Wie, vis brun, ma jilla boun mandible slight buff larsus pale slate Length 113 wing 60 tail 32 Itomach contents marche 1882 impidonax trailie alnorum. Co. Waterox Jamarack Swamp, North Freedon, Wis iris brown. maxilla dull brown - 221 andeble buff. tursus pale state Jength /20 wmg (56 wil 37 Fy g to eh Contents, much 1883. Setophaga ruticilla. Le Wetmore, Half Moon Woods, North Freedom, Wis, mis dant brown. base of mandible dusty rest of bill black tarous black Length 133 wing 65 tail 53 Gad When ach Lontants inacts 1884. Leto phaga ruticilla Q. WEtwore - Half Move Woods, North Freedom, Wes, inis to bill thell brown Larsus ducky Tength 135 wing 64 tack 58 8 im. 1885. Parus atricapellus. a. Within Helf Moon Woods, North Freedom, Wie, vis brown bill black. Larsus Chillslate. Tength 12 9 wing 64 tail 63 God Slomach Contents moiets 1886. De do va pennsylvanica . a. Watmore Half Moon Woods, North Freedom, Wis, vis brown maxilla and tip of mandeble black rest of manch ble slate Jim. Stomach contents mais 1/1 1887. Sphyrapicus varius. a Watmore. Hall Moon Woods, Hoth Freedom, We, vis brown. maxilla tall black mandible dusty larsus stull gruning Male Length 184 wing 120 tail 54for 2 tomach

1888. Aphyrapicus varies. a. Waterine - Half Moon (Woods North Freedom, Wis, iris dark brown. tall culment goings ducky rest of bill hair brown. Tursus dull drab state. Jugth 213 uning 123 tail 76 Jad Momach continte month Last night it rained a little and beame Cooler and in the morning the sky was overcast with clouds. Want over in the Half Moon Woods for a couple of hours after treatfast. There were quite a few Warblers in The Avoods with the threaders is usual the little your follow dust in the top of a tree and proved to be a young D. Permeylvanica- Redolarte were abundant and song a little . The two that of took were in perfect plumage. The other tride were silent except for un occasional thin note. They might be very easily overlooked entirely unless one were watching for trem It is not surprising that of mused the Engust migration for so many years. Law a single Water Thrush. It come flying through the woods Chipping excitedly and lit along the river but Could not be found again. Heard the Kehanote of the Yellow billies Woodpeder several times could took live of them. They Kept well up on the trunks of the tree where they were concealed by the leaves. The tail feathers of both were in bod condition. I should thent the woodpielus would have rather a hard time of it during the most line of this hitched ground with great caution. In The Lemarack wamp dhead a quiel explosive note and secured the author as alder Flycatcher alt was flitting from one puch to another in the tops of the true and though not apparently wild insually chose Conceded perche. Then athin note constantly Two young of the same species sitting and of can

on a limb. both were secured at one shot. The other adult was also sun but could not be secured. They were in a little of sening right in the center of the swamp. This is the first time of how taken this spices how 1884. Ustra galinus tristis. I Wie how. Wak Hill Moth Freedom, Wie, vis brown. marcha + top of mushby this brown based mandible dull yellow tarsus brown Length 123 wing 73 tail 48 gad tomach contents Mistle Suds 1890 Astrongalmus tristes. I. Wo hove. Wat Hill both Frudon, Us vie brown like of bill dull this board board marilla ouffy base of mandille hell yellow contents such sugth 118 wing 69 tail 46 Fact stomach 1891. Pireosylva Hivacetted. a. Wohnon. Cak Hill Horth Free down lers, in shell red. maxilla black. base of me dible tell white rest state. Corous blush state - Jength 140 wing 77 tail 52 Bad stornech Contents werete 1892. Montetta varia. a. W. hinor. Wax Hill, North Freedom, Wie, is brown movelly + top of mandible bluck rest of tell dul white arous dusky fut tringed with greenish Jeng the 130 wing 68 tail 47 Our stomach contents insects 1893. Contopus verens. I Water on Wilkfill. Math fredom wie, ins dark brown maxilla black top of min debte will to one rest hull pellow tarous black length 152 wing 83 tail 62 Fad tomach contents insuits 1894. Litta Coerolineusis. a Usa tima. CaxHill, Morth freedom Wis ins dark brown maxilla and tip I manchthe black torsus dusty Lingth 150 wing 89 tail 48 am stomach contents marches 1895. Prange mythromlas is Welmore Cak Hill, Morth Freedom, this, his brown bill greenish ober mandebly parter. Lairous drab slate Jungth 180 wing 95 tail 606

1896. Lyrrams tyrrams. W. Watmore. Carffell, North Freedown, Ura, via dant brown - pase of mandible pinkish white rest of vill black larses black. Jungth 200 wing 115 tail 79 Sim Mornach Contents, much 1897. Pipilo erythrophthalims. W. Watmon. Cak Hill Worth Freedom, Wie is reddish brown. martila and tip of mandible black rist of mandible dull State Carsus pale brown Jength 189 wag 87 tail 88 Fred Stomach continte insicte 1898. Galeoscoptes Carolinensis, a. Wahnore. Cal Hell North Freedom, Wis vis brown bill black tarsus black Longth 205 wing 88 tail 89 Jum stomach contents Choke Cherry 1899. Memla migratoria Cx. We tomore Clar Hill North Freedom, Wis wis dark brown. but will brownish. black tarsus dusky. Jeng 1 240 wing 130 tail 94 Fun lowerch Contente. Ch Kechine This morning it was clear and bright with I very heavy dew. Cefter trea Gast I writings on the Hell above town. This hill is about two hundred feet high and is any steep. It is covered with redoals or where these frame been cut away by imperebable tangles of blackberry vines, hazel trush, those therees and other small tree or bushes These cleanings were found, scattered through the woods and wood these the most of the birds were found "Chole cherries and blackberries were ripe and attracted the usual openies of lirde. No Itrange monte were seen but it pul flower was found growing on the side hill which cloted not know alt grew in clusters. about fifteen maches high and hard a composite flower. Fringed guitains were on blossom and Thazelunts were ripe. Thistle were blead ripe and their fluffy saids were blowing corrywhere. Between the true hung runmerath cotorbe which Caught woos my face as a passed in an I whorathe manner. These works sum always to

Field Sparrows were still singing though they kept will out of sight. a few Chipping Spotrows wow also seen in the open places youth a few Robins were sun in the more Ipm wealties mostly the young of the year. I think they frequent the servods until the Jull pluraage is obtained and here they Shad a supply of food right at hand. They ralled and scolded at me and one or two sitting in the dead tops of the true made a slight attempt of song large and thrifty and able to seepel all invaders as a found to my sorrow. American goldfinches were feeding on these, Not yet in family groups but singly or in pairs. Others flow back and forth durchead calling happily They were spirite restless while perching and I shot two under the impression that they were something edse. One moded tricked the badly. It came flying out into the sum from the glown of the true and perching low down in an oak began hopping hervously Ground in the leaves in a voly warbler the manner. Finally its stropped to the ground in a patch of thistis, and I got it. Heard the whint of the Jowne several times and sout one, a finale. Wat brush and Towhus seem always to go together in Misconsin as well as in Kansas. These birds have tollin possession of this hil in the last few years as my notes will show. Red eyed Vireox were common and were, singing. These birds also seem to belong with the Red Cals. They were calling back Fund forth to each other continually and Millow throated Vireos horre also in the

here but they did not sing so much. I think they scange mon in the bottoms or at any rate where the true circ large. Here on the hill they kept calong the east side where the back obtain a considerable size.

Heard the thin song of the Black and white warbhr and following it up secured the bird at he as running around in the tranches of am oak. It was interesting to note the proportionally large fet for such a small bird and the development of the hind too would also cause comment. By this means it is enabled to hang on and the enlargement of this took probably gives a broader base to have to. Even the claw was much larger than in the other

Mrie tois. Olso secured a White- breasted Muthetch. This bird also should an enormous development At the just which was anuch greater Ithan that in Minotitla varia Laking in consideration the size of the bird. The hind too with its claw was disproportionately large and the claw was much curved given a grety! grasp. The difference in devolopment of the Obference in habite. The Muthatch is completely Picine in its abits and even excuols that group of birds in its great activity while the Warbler has many of the habits of its aboved relatives. The shortness of the tout in the muthatch might also point out that it had followed this browner of life longer than the workly as for as the fut one held near the center of growity the booky there is less meed of a balance and them a long to

tend more to overbalance the bird while it was hanging head down. Then the Jant that there is only one species of Monotita in North anieve only one species of Monotita in North also point out that the Nuthatches havehad this habit longest. For the number of species having the same marmer of life must have spring from one origin let an early date while in Monotitla there has after been no time for differentiation to take place since it inhabits so the any different localities it is certain that this must occur some time however.

1900. Helminthophila peregrina. Q. Wetnine. Jamarael swamp, North Freedom, Wro, vio from. maxille + tip of mandible dusky rami eletisest of mandible the buff. lareus shirty. Jength 120 wing 60 tail 41 9im. Stomach contente worm. 1901. Dendrinea maculosa. Q. Wetnine. Famarael hvamp North Freedom, Wis. dries dark brown. Maxilla and tip of mandible Chisty pline tarsus greenish drab. Jength 121 wing 57 tail 46 fin. stomach contents maicro

North Freedom Wis, wie dark brown. Maxilla Gulf, brown marilla dull whitish larsus slate. Fugth 120 wing 63 tail 43 fim. Somach contents misets 1903. Dendroica blackburniae a. Welmore Jamarack swamp, North Freedom, Wis. Vise dark brown maxilla this of mandible dusty. base of mandible dull buffy while tarsus brownish black Jength 128 wing 69 tail 48 from Stomach contents wown 1914. Vetsphaga ruticilla a. We timor Jamarar swamp Hoth Freedom, Urs, vise dark brown. bill dull black tarous black. Lingth 135 wing 65 tail 57 Bros Stomark.

1905. Montheta varia. Q. Watmon. Jamarack Swamp. With Freedom, Wieirie brown. maxilla + top of

1. light in the second

mandible duly black rest of mundeby prulish tail 46 9im Stomach contents much length 124 wing 63 1906. Ministilla varia. a. Waline. Half Moon Woods North truedon, wis, in dark brown. Inaxilla + tip of mandible durky base of mandible dull buff. tarsus study fat greenish. Jungth 122 wing 69 tail 46 Oim stomach Contente insuls 1907. Vireosylva shvaceoux. Ex. Watinon. Aven Woods. North Freedom, Wis, iris reddish brown maxilla dusy base of mandible dull white rest dull state Carrie . Church Slate - Tength 153 uning 82 tail 54 dad stomach Contents unsects 1908. Melospina cinerea melodia. a Welmore Half Moon Woods, North, Freedom, Wis, vis dank brown. rest dull clate larsus light brown. Fength 162 wing 68 tail 68 and stomach contents such 1909. Piranga erythromalas, J. Wetmon. Half Moon Woods, North Freedom, Wis, irie dark brown, maxilla plive mandible dull grunst yellow tarsus dull & late Sength 177 wing 142 tail 63 Fad stomach Contents ments 1910. Coccygna americanis a. WEtmon Half Moon woods, North Freedom, lers, via stock boom. markella opening & rest of mandeble yellow. tarsus blinish Slate Ling th 291 wing 148 tail 142 8 ad & Tomach contents: worms This mon after breakfast af unt up in the Half Moon Words. When of came the to the Half Moon a frig Blue Heron fler and keeping wall and of reach Which however contined for members
of species they were hard to find

Heard the Cong of the Cerulean Warles in I breezes but only secured one They only sound one Arobatly bun here all summer as usual. in the Landrace Twan & Trese very to the in just such places up north and seem to a troopse them in variations too. I can will town it bland Tier Eline is this is ine I line Fleismuled places that I pour. Cearlet Jon a gers in scattered all to weak the woods but were hard to catch sight of They alled continually and with the white breasted Mulhatches Di olde I me vigourly in herman of appeared San the open. The tree that & shot flew yeto the top of a true and set the greethy It was our wohlt female. Morny of Them have not completel the most get. flying low Son through the woods but tould get no shots. numerous. They were noisy and called from one direction of another most of the while the regular notes were given often and there was also whother wile, a hollow, couble noted cow cow - con con. This was a very deep, rather strongers note and some le l'fort youte, a long ways. I tried in vain to get a glimper of the birds giving this get but could only occasionally see their I linder froms as they vanished through the ries. Keepeyed Vireos were common but it in a wretched, Gondition of noft, sepecially about the heart The your of head a peculiar note entirely different from the rising"

1911. Chordeiles vinginianus . A. W. thurse. Fiskes pasture, North Freedom Wise vise brown bill black darsus duel brown scutttee margined by dull while Lugth 242 wing 217 tail 113 dim. Stornach contents small muts 1912 Chordeiles virginiames a. WE timore Fish's Rasture North Freedom, Wis vie brown, bill black. tarous dull brown. Scutellae marked with white Jength 237 wing 202 tail 118 dim stomach contents small monte 1913. Chordeles virginianus. a. WElmore Fishis pasture, North Freedom, Wis iris brown bill black twows chill brown. Tenath 241 wing 242 tail 111 if his evening it was very warm with Sultry after surper of went down in the folds with the gum after might Howks. Musicts were abundant and the birds were flying you down. They i arme Lailing, and beating Hown from the month brigh in the dir while our tour but the fields of they dignot seem to come Aire (ty) over the Will calone, town but rather around the end old. They came, in little bunches or singly with anyderally intervals between Hom. They gust whime it The yound passing feirlessly wherethe over me thought I had a white white our. IT seemed rather shifticult to kell the No. 12 shot is several Mapped of the in the was a first necessarit! itestances fiften bods or more ill your witent trust making a vo-it. Their ungs too Elize anough for abservation, were make an wire those taken and all three had The work round with insets

don't Gentin

1914. Dendroice Rennsylvanica. a. WE trave With fixed allis, in charl brown marille + tip of mandelle dusky rest of bill shell white. Consents dusky length/29 wing 6 Hail 51 Bim. D. tomach 1915. Dendroica Pennsylvanica. a. Welive Hoth Freedom, wie dark brown. maxilla & tik of mandille black rest et bill dull in hite. Tarous dark state. Length 130 wing 62 tail 48 Pin Tomach contents muits 1916. Dendroica pennsylvanica. G. Wilmoge. Morth Freedom, Wis, vis don't brown. maxilla + tip of mandible dull black rest of mandible pale state tarsus dull slate Tength 130 wing 64 tail 49 Jim. Stomach Contents insects 1917. Dendroiea primaylvamea. a. Wetmon- Mith Frudom dull black base of mandible hom. tarsus dull alate. Tength 121 wing 62 tail 46 8 in stomach contents insicte 1918. Dendroica pennsylvanica. a. Wilmon. North Freedom wis, iris dark brown. Maxilla dull black top of tail 50 Sim stomach contents insuts 1919. Dendroica pennsylvania. W. W. Elmore Morth Freedom, Wis, iris dent brown. maxilla & tip of mandithe black base of groups dull buff sedom pale slate largue. Slaty brown. Jength 125 wing 60 tail 43 fin. Stomach contents invests 1920. Denotroica pennsylvanica a. WEhnore Morth + realon, Wis, iris clark brown. maxilla & tite of Jones dull buff - tarsus state Jength 126 wing 59 1921. Dendroica pennsylvanica, Q. Wetryore Horth Freedom, Was, iris down brown. Markella and life of mandible dull brown. rami slake base of goings dull buff. tarsus dull slake. Tenif! 122 wring 60 tail 43 on Stomach contents insighty Freedomle

iris dank brown. marsalla + tip of ma All dull black based mondible hom larses Jainly grunsh. Hate, Sength 124 wing 68 tail 49 Bringstomach contents mails 1923 Minutilla varia a Watmon Morth freedom Wis, vie land brown maxillat tip of mandibly slate rest of in an dible pale dull pyrkish larsus olive Green. Tength 127 wing 68 tail 49 Fin. stornach 1924. Wilsonia Canadenses. a WEline North Fredom Wis, vis dark brown. Maxilla & tip of marchely dull brown. base of mandible from tarsus light buff. Length 138 wing 65 tail 57 Pin. Stomach Evilente 1925. Wilso ia Comadensis. Q. Weline Jamarak Swamp, North Friedom, Wie, iris Agril brown. march I tip of mandile blackish from base of mandille hom. terrous pale buff Jungth 147 ming 6 3 laid 55 Pin No rach contents insects 1926. Dendroisa blackburmae. Q. Wahney. Fancarack Swamp, North treedow, Wis, vie dark brown - morilla And the of mandible black base of manalible home. Larsing 63 tail 43 & im stomesth writer yesets 1927. Helm Thopsila Chrysoplera. (4 WEling. Jangras) Afrank, North treedom, wis, ine dant brown. bill black. Gase of Gorys haid brown. Farsus - Greenish olive. Length 118 wing 56 tail 43 Fin stomach Contents usects 1928. Dendroica rara. a. WElmon Jamarael Swamp Fronth treedom, Wis, iris clark brown. mapslig black. Amandible + tarsus slate Tength 122 wing 69 tail 42 1929. Se to phaga ruhulla. A. Welmer Jamarack Swamp, North Freedom, Oris, iris charl brown rangella and tito of non-slibt toull brown, base of marchible how brown. Garsus blackish brown. dength /24 wing 6/toil 52 Just stomach contante ince 1930 de to phage sutrilla. U. WE liver Tonnaract Ewamp Months, Trustom, Cons, one Chan to ... Ill to

de l'act in ton

larsus black. It ofth 12 Rving 60 tail 56 Bad Thomach continte merete 1931. Setophoga miticilla U Wehner Jamaser Sween p, Worth Treedom Wis, vis dark brown bill black tarsus black Lingth 132 wing 64 laif 55 Bad tomach contents inside 1932 Benthestis, istrica pillus, U. Wish on Jamarack Swamp Noth Treaton, Wis, wie dark brown bill black Yorsus slate length 130 wing 66 tail 6/ Fin. Itomach Contente monto: 1933. Contopus, virene, Q. WEtmon, Namournet Swarp, North Friedom, Wie, vie dark brom: mafilla tine of chill claticach side of goings. Larsus Harling brown Length 158 bring 82 tail 64 Pad stomach 1934. Hylocichla Jusciscene. Q. WEtmon. Vamarack duranto, North Freedom, wie, vije dank brown. maxilla & tip of mundelle black base of madely Jull buff. Carsing haht brown paler behind Length 175 wing 43 tail 63 Pinn I tomach 1935. Helochy as Statering a WEtrung CAHW de pot Noth freedom Wis, irie darkbrown but olive green. Tength 210 iring 13 2 tail 55 8 in timace contino employ-This mo: of want ! in the Trama and Swa by after breakfast Warblurg where through it was just warm, they came from the north working through the woods rapidly in groupe of from Dix to fifty. The valy ones that wire an exception in one place I sat If the time appeared to prefer the trees working - g the water.

Chestant sided Warblers were next in Abundance to the Redstarts and some of the Slocks were composed Principally of them they tworked through the trees with threat rapidity call is lated in a thin time they preferred itso g lower thicker from the than the others it net a considerable number were found in some thick thomapple type san Athe broken top of a smill elm. Itry were extremely activity in their search, for insects. All those observed were commature brids to par if Couly tell. There were guite a number of Black they were slower of ingthing in their movements and took time for a mon cereful search for food. Due that, of secret was in hell second planage went one of the handsomest of have ever laking The feat. Iv re all long and loft und fluffy and fully theverdoped. Puriously enough this one wash benight the use du the plate of published in bird for some months ingo this same mark was shown but was condemned in a note asamistate in colonia. I singh Wilson I hrush was taken. This brief was also in full second plumage and was very handsomely and wormly, coloted. It was feeling on the grow of under the goose-berry when it sat quietly watching in These birds are had to find their retired habite and it therewere.

Strigust 28, Worday 1936. Spigitta Docialis. Q. WEtmort. Hongers 18mt North Freedom, Wis iris brum marilla & tip of mandible dull black rest of mandible dull black rest of mandible dull from length 141 wing 15 tail 61 8 and 1937. Spizella Socialis G. Wetser Hangers, Point florth treedon, Wis brown. mafalla & tip of mandible dull black. rest of mandible dull buff targue light from Lingth 140 wing 72 tail 61 Fad Stomach contents inserts 1938. Vireosylva gilvar. a. WEtmore Hangers Count North Freedon, Wie, vis dant brown, may Mat tip It mundibly Had. base of mandilly hulf Findish buff. tarsus skir- Lingth 13 Twing 70tail 49 1934. Uneogylva Gilva. J. W. Church Hrugers Jount, Horth Freedom, Wis, his fart brown, maxilla, and top of mondible studies rest of mandible pale State Jarsys State Sough 145 wing 70 tof 53 Dad Stonach Contents, prictly sest 940 Getitis Macularia W. WElneve Hangers Point North Freedow, Wis vis fork brown. mortalla + tip of mayable blackish brown. Sest of mandelle dull born Jarsus shell drab buff fendthe 187 wing 100 tail 47 fin. stomach goldents, 1941. Exclise macularia. G. Wilmon Hangers Point Horth, treedom, Oris, iris dark brown - 47 willa and top t I mandible Gull brownich Hack. pase Length 187 wing 107 tail 45 fin Smith contrate insights. 1942. Heloctromas solitareus Wille truon Hangers Point Horth Freedom, Wie, vie fart brown. Willdull black tarous dook green. Tength 202 wing 126 toil 54

Gim. stomach contents en pty
1943. Heloobromas shilarens, a. W. Man Hanger Point Horth Freedom, Wis, iris tark brown till tuly black Jansus Greenish hat Tength 201 wing 129 toil 55

1944. Achochromas maculalus (g. Wetmon. Hangers Point North Freedom, Wis, iris Jank brown. bill bleickish brown. tarsus briffy drab. Jeng th 220 wing 128 toul 57 fim. stomach contents which Point. North Freedon, Wis, vis glack brown bill brownish black takens buffy drab. Lingth 213 wing 132 tail 51, 8 im Amach contrite inseels 1946. Lotames flairper (Wetmon. Hangers Point Hoth Freedom, Wie, vis part brown. Will brownish Mack. Carsus shull yellow. Tength 250 wing 161 tail 62 0m stomach contents, more to 1947. Pochlyngbup proliceps. a. Wetmore Hangers Point. North Freedom, Wis, iris yellowish born. bill dull hom - bound across Mostrell + culmon dusty tarous blockish state Jength 301 wing 116 tail 30 gim 2 tomach contents. Jesthers This morning Cost Rudy and of went our to The millport This was a Huggest book of water formed from the familial up waters of Jeeley Creek the pursued a very Cortuges course Abrough a fair sized valley between two hills. The vater was colored a I dull sed from the waste water of the ring and this had also left a deposit of reif on the mudbento, along Stores as my takes son testified testrates at some ramote white future prospectors, will, find some, traces of won here long after the min at North Foundard are forgotten! at can be carry seen here how the beds it inon wine diposited for water impregnated with iron at this is and percolating through some porsons rock would of necessity leave beging a deposit. The mughere in this pond is strongly imperignated with realize from avhil Jonly Wo years ago merely a trace of red only be insepared in the

Five lange Blue Herons were sun Alyng about Land were evidently Just loving in the hills in which I am certain they have mested forming years though I have shever found the nest. They were wary und kept their I thistorice offering no state. When we first came to the pond of sow a small or rather medium-sized bird Ironning in one of the channels and thought it was a duck By getting behind a willow of managed to get dose inough for a shot but found the bird was a Vied bille Deri. At owar out is little ivage and of shot it. The stomach was full of there as surs marly always to be the case and The bird was excustingly fat. There were quite a standber of Armolpipers on the pond, gold getting a boat we want after their Two te Total Sandpipers ryre sun and both were secured. I key flow, Go bout with er awift rather exactic flight Culling wishly. Cine flow to a many frank when, the other was shot and we man I getter it in e boat ilt wold not the seen with we were almost at the shore when it came suming fearlessly along freeling It the mul. They this first tip by bot I use much is the and spotted and what were grayer - in color. They were framy on spory I lugle Jesser Gelbrilego Come flying secured. It seemed perfectly fearliss. that it to rach was en pty and it think nadfrot dropped in altreration The feeding Fromoso. young or whood here Many lines

The Apotted Sandpipers, were ture also they fift gothered in a loose flock, though a few Scattered ones were sun. They kept fly is gard of white the state of mouth as they to menting time time the security enough in the specimens taken the sexual organs were found to be some what inlarged. Can these bridgesmorte was the White treasted Mulhatches do? when we approached they came flying wround colling Ascertidly und circling Ribort us - Une that I winged sowan and store reachily. Much in value it used it wines to help ita 1 ogress along a side hill over grown with rag wed were short their Chipping sperrows gathered in a coose flock. This siems to be Their hobite ufter the buding season and ofter these duties are over the foreake their old haunts new the I and gather in small flock in spen places in the twoods. These flew up at our approach and took low perchas in the bak true where they sat motiviless but soon a tropped back to the ground to continue their fulling. I'm habits they were rather guarrelsome, vot, permitting too close an lesproach from the of the Grace In one place near the shows in a low fromth of birch were who to doze Warting Direcos. They were feeding on the Berries of the The tily though what nourishment They got from them it ideald not see fleewirmally in Me of few notes & but for the greater in lite iselest. 1940. Chordelles vorginianus henriji. G. Wetning: Maple Hill, North Freedom, Wis, vie Lark town bill Told black Cursus light brown Length 230 wing 200

1144 hordeiles virginiams g. W. houre. Maple Hill, North freedom, Web, is dank brown bill dull black: Carsus clark brown Jungth 23/ wing 200 tail/15 & ad stomach contents, resected 950. Chordeles virginianie. a; Watmore. Maple Hell, North Freedom, Wis vis tark brown. bill dill black larsus light bown stutettere limed with stul white Lingth 244 wing 209 toil 1/5 Jim Normach Contents ingects 1951. Chordeiles vuginiamis, G. Watinon- Maple Hill Noth Freedom Wis vis dank brown will shelf K. tengus brown Length 23/ wing 202 tail 115 5 im Homach contents meets 1952. Pipilo erythrophthalmus Q. Wetmire; Maple Hill forthe Freedom, Wis, is brown mayaladull black mandeble pali state. Commessing & gape yellow Tersus brown. Tempth 197 wing 82lait 90 9 49 tomach contents mords 1953 tranga erythromelas G. WEtwee . Maple Hill forthe Freedom, Wie, inis plants brown. bell olive gruni tarous dull state- Length 167 wing 98tail 53 Sud I tomach contents, grasshopper 1954 I wanga erythromelas William Maple Hell Torth Freedom, was, inis brown goings light from. wing 96 tail 7/ 8 gg Stomach contints upecto 1955 Cumpeles Cectronine Wely Witmine Maple Hill, North Treedom, Wio, iris brown bill black larsus black Length 183 wing 75 toil 363 act Stonach Contents black cherries. 1956 umpelis cedronin. alex Wetner Maple Hill, North Freedom, Wis, iris light brown. bill blackish wing of 3 tail & Ho us stonach Contact Hack cherries 1957. Mireosylva shvacca. J. WElmore Maple Hill North Freedom, Wis, vis redikts brown. Inaxella dusky base of mandible drill buffy white rest Stomach contents line As

1908; Unevery tra olivacia Q. WElmore. Maple Hill Morth trudom, wis, is deddish brown mayells lack base of mandible the white rist state. Contents rejects, 1959. I creosylva olivacea al Wetmon, Maple Hill, Morth Freedom Mits, iris brown maxilla dusky base of Mandible pale Juff rist light slow Jarsus Slate Jength 140 wing 71 tail 48 8 m Stormach Continto insecto 1960. Dendroice Castanea WEtmore Maple Hill Worth Freedom, We, vie bown maxilla and tip I manglitte blackish brown, base hom tarsus dusky Jength 14/ wing 76 toil 52 Bin. stomach 1961. Cyanospiza cyanea. & Wo have Maple Hell North Freedom, Wid, iris dark brown bill dusky tout 47 June Nomenth Contents grasshoffen 11.11 1962. Aprilla socialis de Walmon Maple Hill Horth Freedom, Wis, is brown tip of marilla dusky rest of bill pale dull unhamon tarous light buffy brown Jeng the 131 wing 64 tail 55 oun. Stomach contents insects 1965. velimthophila Chrysoptina. a. WEtung Maple Hill, North Freedom, Urs, vie brown base of mandible greenish slate Jength 118 wing 5 8 tail 45 Dim Setomach workints insects and I drove up to Sullivan's sen the Hill Setternet and went hunting It was warm and summy but not too hot. All a long the road we scared up small parties of Chipping spourous after we got to the hills. They fed along the sades of the road and can we passed flew up winto The trushes



